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SALUS POPULI SUPREMA LEX ESTO

“The welfare of the people shall be the supreme law.”



JOHN R. ASHCROFT
SECRETARY OF STATE

MISSOURI
REGISTER

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July 15, 2021

Vol. 46 No. 14 Pages 1117–1368

IN THIS ISSUE:

EMERGENCY RULES

Department of Social Services

Children's Division 1121

Department of Health and Senior Services

Division of Regulation and Licensure 1136

PROPOSED RULES

Department of Natural Resources

Clean Water Commission 1153

Department of Social Services

Children's Division 1287

Department of Health and Senior Services

Division of Community and Public Health 1302

Division of Regulation and Licensure 1306

Department of Commerce and Insurance

Missouri State Board of Accountancy 1337

ORDERS OF RULEMAKING

Department of Agriculture

Animal Health 1338

Department of Social Services

Family Support Division 1338

MO HealthNet Division 1338

Department of Health and Senior Services

Division of Regulation and Licensure 1339

IN ADDITIONS

Department of Commerce and Insurance

State Banking Board 1349

Division of Finance 1349

DISSOLUTIONS 1351

SOURCE GUIDES

RULE CHANGES SINCE UPDATE 1355

EMERGENCY RULES IN EFFECT 1359

EXECUTIVE ORDERS 1360

REGISTER INDEX 1362

Register Filing Deadlines	Register Publication Date	Code Publication Date	Code Effective Date
March 1, 2021 March 15, 2021	April 1, 2021 April 15, 2021	April 30, 2021 April 30, 2021	May 30, 2021 May 30, 2021
April 1, 2021 April 15, 2021	May 3, 2021 May 17, 2021	May 31, 2021 May 31, 2021	June 30, 2021 June 30, 2021
May 3, 2021 May 17, 2021	June 1, 2021 June 15, 2021	June 30, 2021 June 30, 2021	July 30, 2021 July 30, 2021
June 1, 2021 June 15, 2021	July 1, 2021 July 15, 2021	July 31, 2021 July 31, 2021	August 30, 2021 August 30, 2021
July 1, 2021 July 15, 2021	August 2, 2021 August 16, 2021	August 31, 2021 August 31, 2021	September 30, 2021 September 30, 2021
August 2, 2021 August 16, 2021	September 1, 2021 September 15, 2021	September 30, 2021 September 30, 2021	October 30, 2021 October 30, 2021
September 1, 2021 September 15, 2021	October 1, 2021 October 15, 2021	October 31, 2021 October 31, 2021	November 30, 2021 November 30, 2021
October 1, 2021 October 15, 2021	November 1, 2021 November 15, 2021	November 30, 2021 November 30, 2021	December 30, 2021 December 30, 2021

Documents will be accepted for filing on all regular workdays from 8:00 a.m. until 5:00 p.m. We encourage early filings to facilitate the timely publication of the *Missouri Register*. Orders of Rulemaking appearing in the *Missouri Register* will be published in the *Code of State Regulations* and become effective as listed in the chart above. Advance notice of large volume filings will facilitate their timely publication. We reserve the right to change the schedule due to special circumstances. Please check the latest publication to verify that no changes have been made in this schedule. To review the entire year's schedule, please check out the website at sos.mo.gov/adrules/pubsched.

HOW TO CITE RULES AND RSMO

RULES

The rules are codified in the *Code of State Regulations* in this system—

Title		Division	Chapter	Rule
3 Department	CSR <i>Code of State Regulations</i>	10- Agency Division	4 General area regulated	.115 Specific area regulated

and should be cited in this manner: 3 CSR 10-4.115.

Each department of state government is assigned a title. Each agency or division in the department is assigned a division number. The agency then groups its rules into general subject matter areas called chapters and specific areas called rules. Within a rule, the first breakdown is called a section and is designated as (1). Subsection is (A) with further breakdown into paragraphs 1., subparagraphs A., parts (I), subparts (a), items I. and subitems a.

The rule is properly cited by using the full citation, for example, 3 CSR 10-4.115 NOT Rule 10-4.115.

Citations of RSMo are to the *Missouri Revised Statutes* as of the date indicated.

Code and Register on the Internet

The *Code of State Regulations* and *Missouri Register* are available on the Internet.

The *Code* address is sos.mo.gov/adrules/csr/csr

The *Register* address is sos.mo.gov/adrules/moreg/moreg

These websites contain rulemakings and regulations as they appear in the *Code* and *Registers*.

Rules appearing under this heading are filed under the authority granted by section 536.025, RSMo. An emergency rule may be adopted by an agency if the agency finds that an immediate danger to the public health, safety, or welfare, or a compelling governmental interest requires emergency action; follows procedures best calculated to assure fairness to all interested persons and parties under the circumstances; follows procedures which comply with the protections extended by the Missouri and the *United States Constitutions*; limits the scope of such rule to the circumstances creating an emergency and requiring emergency procedure, and at the time of or prior to the adoption of such rule files with the secretary of state the text of the rule together with the specific facts, reasons, and findings which support its conclusion that there is an immediate danger to the public health, safety, or welfare which can be met only through the adoption of such rule and its reasons for concluding that the procedure employed is fair to all interested persons and parties under the circumstances.

Rules filed as emergency rules may be effective not less than ten (10) business days after filing or at such later date as may be specified in the rule and may be terminated at any time by the state agency by filing an order with the secretary of state fixing the date of such termination, which order shall be published by the secretary of state in the *Missouri Register* as soon as practicable.

All emergency rules must state the period during which they are in effect, and in no case can they be in effect more than one hundred eighty (180) calendar days or thirty (30) legislative days, whichever period is longer. Emergency rules are not renewable, although an agency may at any time adopt an identical rule under the normal rulemaking procedures.

and academic experts, all play a unique role in the response and evaluation team that was created by HB 1414. Section 210.112, RSMo. required the division to create the team which was to meet for the first time no later than January 1, 2021. The division timely set up the response and evaluation team as required by the statute. Successive meetings and discussions with stakeholders have been taking place since then, and continue to occur. The implementation of this regulation now, on an emergency basis, is necessary to comply with the statutory mandate to promulgate rules pursuant to section 210.112, RSMo., by July 1, 2021. The amendments to this regulation are being promulgated in conjunction with 13 CSR 35 35.100, 35 35.130, and 35 35.140 because they cross reference each other and must therefore be implemented together to promulgate a consistent regulatory system. The Children's Division is vested by law with the authority and responsibility to establish the child welfare system for the whole state. See sections 207.020, 210.109, and 210.112 RSMo. The Children's Division has determined that promulgation of this regulation is necessary on an emergency basis to address a danger to public health, safety and/or welfare of children in Missouri. This amendment will ensure that contracts with private agencies which provide case management services for abused and neglected children in foster care on behalf of the State of Missouri and the Children's Division will ensure the safety of vulnerable children under their supervision, it will provide new systems to ensure that foster care case management is accomplished in a transparent and accountable manner, and it will help ensure that the Children's Division has effective remedies to address any concerns about the safety welfare of children under these contracts. This amendment was promulgated with extensive input from stakeholders. The Children's Division therefore has a compelling governmental interest to promulgate this section on an emergency basis. The scope of this emergency amendment is limited to the circumstances creating the emergency and complies with the protections extended by the Missouri and *United States Constitutions*. The Children's Division believes that this emergency amendment is fair to all interested persons and parties under the circumstances. A proposed amendment, which covers the same material is published in this issue of the *Missouri Register*. This emergency amendment was filed June 11, 2021, becomes effective July 1, 2021, and expires February 24, 2022.

Title 13—DEPARTMENT OF SOCIAL SERVICES Division 35—Children's Division Chapter [32—*Child Care*] 35—*Alternative Care*

EMERGENCY AMENDMENT

13 CSR 35-/32.020/35.120 Foster Care Case Management Contracts. The division is renumbering this rule and moving it to chapter 35. The division is also amending sections (1), (3) (8), (10), (11), (13), (15), and (16), and is adding section (17).

PURPOSE: This emergency amendment establishes the governing provisions for foster care case management contracts in light of the amendments to section 210.112, RSMo., enacted into law by House Bill 1414 (2020).

PURPOSE: This rule establishes the governing provisions for foster care case management contracts to provide a comprehensive system of service delivery for children and their families as set forth in section 210.112[.8.J], RSMo.

EMERGENCY STATEMENT: The Department of Social Services, Children's Division, by rule and regulation, must promulgate regulations to implement regulations to implement the 2020 amendments to section 210.112, RSMo., by July 1, 2021. This amendment was promulgated with extensive consultation from stakeholders over several months after the enactment of HB 1414. Stakeholders, including Foster Care Case Management Contractors, judges, juvenile officers

(1) This rule shall apply to the foster care case management contracts for the provision of case management services for youth placed in the custody or under the supervision of the Children's Division as provided in section 210.112, RSMo., as well as govern the work of contractors and their subcontractors, officers, agents, and employees pursuant to those contracts. This regulation shall apply to any subcontractors of the contractor which provide foster care case management services. The safety and welfare of the children served under these contracts shall be the paramount consideration in all matters pertaining to these contracts.

(3) Contractors shall provide a range of child welfare services including case management services for children in out of home placements, family centered services for parents and legal guardians from whose care the child was removed, and community resource development. Family centered services shall be defined as the family focused intervention method utilized by the Children's Division when working with families to assist them in identifying their strengths and needs and to develop a family plan for change.

(A) Case management services shall include assessments, case planning, placement services, service planning, permanency planning, and concurrent planning. The contractor shall have ongoing contact with the child; the child's out of home care provider; the parents or the guardian of the child in care, if parental/guardianship rights have not been terminated; the children remaining in the home; the court; and the members of the child's Family Support Team as

defined in the Children's Division's written policies. The contractor must provide case management services that respect the culture, ethnicity, and religious practices of the children and that of his/her family. The contractor shall document all case management services provided in the case record as well as in the automated case management system within the timeframes outlined in the contract and in the policies of the Children's Division.

1. Assessments shall be defined as the consideration of all social, psychological, medical, educational, and other factors to determine diagnostic data to be used as a basis for the case plan.

2. Case planning is a process of negotiation between the family case manager, the parent(s) or guardian(s) from whom the child was removed, and the juvenile officer, which describes the services and activities necessary for the purpose of achieving a permanent familial relationship for the child. The case plan shall include the permanency plan as defined in paragraph (3)(A)5. below, the concurrent plan as defined in paragraph (3)(A)6. below, the service plan as defined in paragraph (3)(A)4. below, the timeframes in which services will be delivered, and the timeframes for obtaining reports from service providers, when applicable.

A. Contractors shall develop a case plan no later than *[fourteen] thirty* (*/14/30*) days after referral of the child's case to the contractor by the Children's Division. The contractor shall submit case plans to the court in accordance with local court procedures.

B. The case plan shall be developed in accordance with the written policies of the Children's Division and applicable federal and state law. In the event that the policies of the Children's Division conflict with applicable federal and state law, federal and state law shall prevail.

C. The contractor's case manager shall give careful consideration to the unique needs of each child and family when developing the case plan.

D. As necessary to effectuate the best interests of the subject child, the case plan may be amended from time to time *[throughout the contract period]*.

3. Placement services is the selection of, and placement with, the most appropriate resource for children in out of home care based on the assessment of the child's unique needs and personality and the out of home care provider's capacity and skills in meeting those needs.

A. The contractor's case manager must utilize the least restrictive out of home placement for a child.

(I) The best interests of the child in care shall govern all placement decisions. When the placement would not be contrary to the best interest of the child, the contractor must give relatives of the child in care preference and first consideration to serve as the child's out of home care provider. As required by applicable federal and state law, the contractor must conduct an immediate search to locate, contact, and, where appropriate, place the child in care with his/her grandparent(s). Therefore, grandparents of the child in care shall be given first consideration for placement before other relatives of the child in care are considered. Whenever the contractor decides that relative placement is contrary to the best interests of the child, the contractor shall document the reasons for this decision in the case plan.

(II) Placements in residential treatment shall be based on an **individualized, independent** assessment of *[the]* each child's needs in the manner required by law, regulation and CD policy. Such placements shall be considered for children in care who need structured and therapeutic intervention. Placement in a residential treatment facility must be of a limited duration and treatment during this time must be focused on enabling the child in care to transition to family and/or community based care as soon as possible. **The contractor shall prioritize methods of reducing or eliminating a child's need for residential treatment through community-based services and supports.**

(III) In coordination with the child in care's Family Support Team, the contractor shall periodically reassess the place

ment of the child to determine whether the placement is consistent with the child's permanency plan and is meeting the child's needs.

(IV) As required by the written policies of the Children's Division, the contractor shall convene Family Support Team meetings to discuss any change in placement.

B. The contractor shall exercise reasonable and continuing efforts to preserve, foster, and encourage the relationships between siblings of children under case management with the contractor unless it is contrary to the safety or welfare of one (1) or more of the siblings to do so.

(I) Whenever reasonably possible, the contractor shall place a child in out of home care with any siblings who are also removed from their home. The contractor shall make reasonable efforts to place siblings in the same placement unless doing so would be contrary to the safety or welfare of any of the siblings.

(II) The contractor must make arrangements for regular, frequent, and continuing visitation between siblings who are not in the same placement unless it is contrary to the safety or welfare of one (1) or more of the siblings to do so.

(III) Unless it is contrary to the safety or welfare of one (1) or more of the siblings to do so, the contractor shall reunite siblings at the earliest time possible when circumstances change and different caregivers are no longer required.

(IV) The contractor shall document in the case file its efforts to place siblings in the same home and, if not placed in the same home, its efforts to maintain the sibling relationship. If the contractor determines that placement of siblings in the same placement or visitation between the siblings is contrary to the safety or welfare of the siblings, the contractor shall document the reasons therefore in the case file.

C. When an appropriate placement is available and it is in the best interests of the child to do so, placements of children in care shall be made in the child's home community.

D. Unless otherwise ordered or authorized by the court, placement of children in care shall be with a licensed out of home care provider.

E. The contractor's case manager shall not place a child in a home in which any person residing in the home has been found guilty of, or pled guilty to, any crimes identified in section 210.117, RSMo.

4. Service planning is the provision of any services indicated and identified as needed through an assessment and case plan, or ordered by the juvenile court.

5. Permanency planning is determining the permanent plan which best meets the needs of the child in care and which complies with the applicable requirements of federal law. Contractors shall provide ninety (90) calendar days of services to the child and family after a child is reunified with their parent(s) to assure a continued successful outcome as defined in the contract. Contractors shall provide ninety (90) calendar days of services to the child and family after a child is reunified with their legal guardian(s), from whom they were removed, to assure a continued successful outcome as defined in the contract. The permanency plan shall consider

A. The child's need for a continuing relationship with his/her parent(s) or legal guardian(s) prior to the child's removal from the home;

B. The ability and willingness of the child's parent(s) or legal guardian(s) *[prior to the child's removal from the home]* to actively perform their functions as the child's caregiver with regards to the needs of the child;

C. The interaction and interrelationship of a child with the child's parent(s) or legal guardian(s) from whom they were removed, the child's out of home care provider, siblings, and any other person who may have a significant impact upon the child's best interest;

D. The child's adjustment to his/her out of home placement, school, and community; *[and]*

E. The mental and physical health of all individuals involved, including any history of abuse of or by any individuals involved./J;

F. Any other information and factors that may be relevant to the care, safety and welfare of each child.

6. A permanency plan shall include an individualized primary permanency plan and a concurrent permanency plan for each child. Concurrent permanency planning is a process of pursuing a primary permanency goal for a child in care, such as reunification, while simultaneously establishing and implementing an alternative permanency plan for that child. The contractor shall make active, reasonable efforts to finalize the primary *[or]* and concurrent permanency plan and shall document those efforts in the case file. The permanency plan shall be developed at the earliest possible opportunity and in no case later than *[fourteen] thirty* (*14/30*) days after case referral. The plan shall be submitted to the court in the manner prescribed by law or as otherwise ordered by the court. As required by Children's Division written policies, the permanency plan shall be periodically reviewed and, where appropriate, may be modified if modification is in the best interests of the child as *[determined]* recommended by the child's Family Support Team or as ordered by the court.

(B) Community resource development is the recruitment, assessment, training, maintenance, and retention of out of home care providers. It shall also include the development of those services which shall best meet the needs of the child and family.

1. The contractor shall conduct community resource development activities to obtain appropriate out of home resource providers to enable the contractor to perform its duties under the contract.

2. Unless such policies conflict with applicable state law, the contractor shall ensure background investigations are conducted on all out of home care providers as required by law, regulation and the written policies of the Children's Division.

3. The contractor shall utilize a training curriculum which meets or exceeds the resource development standards set forth in the written policies of the Children's Division. The contractor shall obtain approval from the Children's Division designee prior to finalizing the curriculum and content for the training sessions.

(4) The contractor shall ensure that all children under the age of ten (10) years old referred to the contractor receive a Healthy Children and Youth assessment within thirty (30) days of entering care, as often as necessary for the provision of follow-up care and treatment, and *[every six (6) months]* at least annually thereafter. Such assessments will be utilized to determine treatment services which will meet the child's psychological and social needs. When the assessment indicates intensive twenty four (24) hour treatment services, appropriate services will be provided. A written report of the assessments and documentation that the prescribed treatment has been timely provided to the child (or good cause why the treatment was delayed or not provided) shall be documented and maintained in the case file.

(5) The contractor shall deliver all services through qualified professionals who have substantial, current and relevant training, education and experience and who are competent, as defined by the Council on Accreditation, to deliver case management services. The contractor's personnel must meet or exceed all of the applicable accreditation, licensing and/or certification requirements of their profession set by the state of Missouri, if such licensure or certification is required by their profession for the performance of their specific job function. The contractor's personnel must meet the education and experience expectations outlined in the most current child placing rules set forth at 13 CSR 40 73.035.

(A) The contractor shall maintain a personnel file for each employee which shall be accessible to the Children's Division upon request for the purpose of verifying compliance with this regulation and the requirements of its contract with the Children's Division. At a minimum, the file must include complete and current criminal record checks, background investigations, resumes, degrees or diplomas, date of employment, training records, performance appraisals, com-

mendations, disciplinary actions, and other related actions. Background checks, including finger print based criminal background checks, shall be periodically updated as requested by the Children's Division or otherwise required by law. Contractors shall immediately notify the Children's Division of any act or occurrence which may impact their employee's ability, qualifications, or certification to provide services under the contract.

(6) The contractors shall deliver all services through professionals who have substantial and relevant training.

(A) The contractor's personnel providing case management services or direct supervision of case management services must successfully complete the same training which emphasizes—*J* curriculum as the Children's Division's personnel which provide case management services or direct supervision of case management services. This applies to both pre-service and in-service training as required by the Children's Division. Contractors may provide or require additional training as they deem appropriate, provided that the additional training is consistent with the Children's Division's regulations, policies, and procedures. Contractor's personnel attending Children's Division pre-service training will be scheduled for the first available session with openings.

1. A strengths-based assessment of the family;

2. Engagement of the family throughout a child's out-of-home placement beginning with the assessment;

3. Treatment and service planning for all family members with a commitment to reunifying the child with his/her biological family whenever possible, to preserving a child's connection to his/her family of origin whenever possible, and a commitment to a child's right to belong to a family;

4. Family dynamics, including human growth and development;

5. A team approach to case planning which draws upon the experience of professionals who are familiar to the members of the child in care's family;

6. Advocacy for the families and children served through the child welfare system;

7. The relevant legal and due process rights of children, parents, families, and care providers;

8. A background in the laws and procedures governing the juvenile courts; and

9. Cultural sensitivity.

(B) The contractor's personnel providing case management and direct supervision of case management staff must successfully complete pre-service training either by attending the Children's Division pre-service training, or by directly providing or arranging for another entity to provide pre-service training. The training shall include all of the topics listed in subsection (6)(A) above.

1. When the contractor plans to provide or arrange for another entity to provide pre-service training for its employees, the contractor must submit the curriculum to the Children's Division for prior approval.

A. When the contractor is granted permission to provide the pre-service training, or to arrange for another entity to provide the pre-service training, it shall be the contractor's responsibility to ensure the training is provided. In such instances, employees and/or subcontractors of the contractor will be eligible to attend the pre-service training provided by the Children's Division only if agreed between the children's division and the contractor.

2. The pre-service training for newly-hired case managers and direct supervisors must be completed within the first ninety (90) calendar days of employment.

3. Pre-service training must incorporate skill-based instruction and skill building exercises. For the first ninety (90) days of employment, the contractor must provide case managers with on-the-job support which includes experiential

learning techniques.

4. Contractor's personnel attending Children's Division pre-service training will be scheduled for the first available session with openings.

5. The pre-service training must—

A. Clearly identify the case management role;

B. Clearly acquaint personnel with federal and state laws relating to child welfare practices; this includes, but is not limited to, the constitutional rights of families and children who are involved in the juvenile justice system, including training on due process, the Fourth Amendment to the U.S. Constitution, the Adoption and Safe Families the requirement that Children's Division exercise reasonable efforts to finalize permanency plans, concurrent planning, termination of parental rights, guardianships, the Missouri Rules of Procedure for Juvenile Courts, and federal and state law governing permanency planning;

C. Acquaint personnel with Children's Division's policies relating to out-of-home care, adoption and guardianship subsidy programs, family-centered services, intensive in-home services, and resource development as defined by Children's Division written policies;

D. Acquaint personnel with recordkeeping requirements as set forth in the written policies of the Children's Division;

E. Acquaint personnel with the automated information system utilized by the Children's Division; and

F. Successful completion of pre-service training must be documented in personnel records for all personnel providing case management services and direct supervisors.]

(CJJ)(A) The contractor's personnel who recruit, train, and assess foster parents serving children with elevated needs, or who provide ongoing support to such foster parents, must successfully complete specific training which is designed for the elevated needs program. Elevated needs shall be defined as provided in 13 CSR 35 60.070. Training for elevated needs providers must be provided by the Children's Division or by the contractor's staff utilizing curriculum which has been previously approved by the Children's Division.

(D)(B) The contractor's personnel who train staff who are tasked to recruit, train, and assess foster parents serving children with elevated needs must successfully complete a Train the Trainer session provided by the Children's Division or by another entity approved to provide such training by the Children's Division.

(7) The contractor must submit all required information to the family care safety registry on behalf of all professional personnel assigned to provide services under the contract prior to such personnel providing service to children in care. Such information shall be updated on an annual basis thereafter. Any personnel who reside in another state and work in the state of Missouri, or who have relocated to the state of Missouri within the last five (5) years, shall provide documentation of background screening(s) from their state of origin to include, but not limited to, child abuse/neglect and criminal background screening check(s), prior to such personnel providing service. If the employee continues to reside in another state while performing case management services for the contractor, the out of state check shall be done annually. The contractor's professional personnel assigned to the contract must have background investigations, **including fingerprint based criminal background checks**, submitted to the Children's Division via a form provided by the Children's Division prior to such professional personnel providing services under the contract.

(C) When child abuse/neglect or criminal activity is discovered through the background investigation of any professional personnel assigned to provide services under the contract, the contractor must review the information to determine the relevance of such finding to the provision of case management services.

1. The contractor shall not allow individuals to perform case

management duties when his/her background investigation reveals that he/she has been found guilty, pled guilty, or has been convicted of

A. A felony conviction for child abuse or neglect or spousal abuse;

B. A felony or misdemeanor conviction for any crime in which a child was a victim or a crime against children, to include, but not limited to, any offense involving child pornography;

C. Any crime involving violence and/or sexual offenses, including, but not limited to, rape, domestic violence, domestic assault, armed criminal action, sexual assault, or homicide;

D. Failure to report suspected child abuse to the child abuse and neglect hotline as required by section 210.115, RSMo;

E. A felony conviction for physical assault, battery, or a drug related offense within the past five (5) years; or

F. Any other crime listed in section 210.117, RSMo.

2. The contractor must submit a written request to the Children's Division designee when the contractor desires to hire an individual with a history of child abuse/neglect or criminal activity which does not meet the criteria identified in paragraph (7)(C)1. above. The Children's Division designee shall review the request and provide a written response indicating if the individual may provide case management services.

A. The contractor **or the individual or both may [shall]** request an administrative review no later than thirty (30) days from the date of Children's Division decision **[when]** if they dispute such decision. **If the Children's Division does not receive a timely request for administrative review the Children's Division's decision shall be final.**

B. The request for an administrative review shall be in writing and generally set out the reasons for the request.

C. The Children's Division shall schedule an administrative review within **[three] five (3/5)** business days of receipt of the request. The administrative review shall take place before the Children's Division designee. The Children's Division shall notify the contractor **and/or the individual** of the date and time of the review. The review may be continued at the request of the contractor **or the individual**, but the employment exclusion shall remain in effect pending the administrative review.

D. The review shall be informal, the rules of evidence shall not apply, and both the contractor and the Children's Division may submit any information relevant to the appealed decision. The purpose of the review will be to determine the potential employee's suitability for employment under the contract.

(I) The contractor's personnel application must include an authorization for the Children's Division to release information which directly relates the employee's suitability for employment under the contract.

(II) Upon completion of the administrative hearing, the Children's Division designee will submit a recommendation to the director of the Children's Division. The director may affirm or reverse the initial decision. Such decision shall be final.

(F) **Except for employment and workers' compensation matters, the contractor must disclose any relevant litigation within the past five (5) years involving the contractor, the contractor's employees, officers, agents, and/or subcontractors within five (5) business days from the date the contractor receives a demand or is served with process, whichever takes place first. Individuals and entities who submit a response to an RFP or IFB shall also disclose this information during the procurement process. The contractor shall disclose the names of the parties (initials may be used in lieu of party name for minors); the Court and case number in which the case was filed; and a brief description of the claims or criminal charges brought. The contractor shall include a copy of the complaint or petition if requested by the Department of Social Services or the division.**

1. Relevant litigation under this agreement is defined as any civil claims, judgments, or out of court settlements and/or criminal charges which are pending or have been disposed of by a

finding or plea of guilt, an Alford plea, or a plea of nolo contendere regarding the following:

- A. allegations of child abuse or neglect;
- B. personal injury to a client;
- C. violent acts, including but not limited to, domestic violence and other crimes against persons;
- D. acts against the family, which include, but are not limited to Orders of Protection, and criminal charges denominated as offenses against the family;
- E. fraud and/or misrepresentation;
- F. sexual offenses, including pornography, and any registration on a sexual offender registry;
- G. weapons offenses;
- H. controlled substance offenses; or
- I. any other claims or charges which relate to the delivery of foster care case management services to children.

2. The contractor must also disclose any pending investigation or assessment or "substantiated finding" of any contractor's employee, officer, agent, and/or subcontractor within five (5) business days from the date of notification.

3. Substantiated finding is defined as a court adjudication, or determination by the state agency or any Court of a probable cause and/or preponderance of the evidence finding, or substantially similar findings in this state or any other.

4. Failure of the contractor to disclose relevant litigation, pending investigations, assessment, or "substantiated finding" as specified herein, shall be considered a breach of the contract and subject to appropriate and available remedies by the State of Missouri.

5. The Children's Division may share information about any disclosed litigation, pending investigations, assessments, or "substantiated findings" with all state and federal agencies, law enforcement agencies, state and federal auditors, children and families, Family Support Team (FST), and any courts, in the sole discretion of the Children's Division on a need to know basis as determined by the state agency and consistent with applicable state law.

(8) Contractors shall have a proven record of providing quality child welfare services within the state of Missouri.

(C) The contractor's case management program must be accredited by one (1) or more of the following national accrediting bodies: the Council on Accreditation (COA); the Joint Commission; or the Commission on Accreditation of Rehabilitation Facilities. The Children's Division *[shall]* will accept proof of accreditation in good standing as prima facie evidence of completion of the requirements for licensure under sections 210.481 *[and]* to 210.511, RSMo, *[proof that an agency is accredited. The Children's Division shall not require any further evidence of qualification for licensure if such proof of voluntary accreditation is submitted]* only as provided in 13 CSR 35-35.140.

(10) Subject to appropriation, the Children's Division shall continue to offer contracts in areas of the state where eligible providers are capable of providing a broad range of services. Subject to appropriation, the Children's Division may consider expansion of the contracts to areas of the state where Children's Division's staff caseloads exceed COA standards.

(11) The contract may not result in the loss of federal funding. The contractor shall therefore comply with and implement the requirements of all relevant federal and state laws, regulations, and policies including, but not limited to, those listed below which pertain to the child under case management by the contractor. In the event of a discrepancy between the policies of the Children's Division and federal or state law, the contractor shall comply with the federal or state law.

(K) Federal laws, rules, and regulations including, but not limited to, *[the Adoption and Safe Families Act]* Title IV-E of the

Social Security Act, as amended, and the Health Insurance Portability and Accountability Act, as amended;

(M) Local initiatives pertaining to services which a case manager provides to children in out of home placements and their families which have been approved by the Children's Division state office. *[This shall include, but shall not be limited to, requirements related to Family-to-Family. Expectations of contractors shall not exceed requirements of Children's Division staff.]*

(13) The Children's Division shall monitor and evaluate *[C]* contractors *[shall be evaluated by the Children's Division]* based on objective, consistent, and performance based criteria as *[further defined]* provided in both 13 CSR 35-35.100 and the contract. In the event of a conflict between 13 CSR 35-35.100 and the contract, the regulation shall prevail over the contract.

(D) *[The Children's Division may monitor additional outcomes including, but not limited to: the number of placement settings for children in out-of-home care; residential utilization; outcomes for older youth; and the number of resource homes developed by the contractor as identified in the Request for Proposal or Invitation for Bid. The Children's Division may require corrective action when the contractor fails to meet the standards set forth in the Request for Proposal or Invitation for Bid.] Children in the custody of, or under the supervision of, the Children's Division and whose cases are being managed by the contractor must receive comprehensive and quality services as measured by the evaluation tool set forth in 13 CSR 35-35.100.*

(15) If the contractor does not comply with its obligations under this regulation, or breaches its contract with the Children's Division, or the Children's Division has reasonable cause to suspect that any child or children's safety or welfare may be at risk the Children's Division shall have the discretion to halt new referrals of cases to the Contractor, transfer cases to other performing providers, terminate the contract and seek any remedies which may be available in law and equity for breach of contract. The Children's Division may take immediate action as the Children's Division in its discretion may deem be necessary to ensure the safety, welfare and best interests of children served by the Contractor. If the Children's Division determines that the contractor has failed to meet the outcome measures specified in the contract, the Children's Division may reduce the contractor's caseload or cancel the contract in its entirety. The contractor shall be allowed an opportunity to review the outcomes prior to the development of the final outcomes report. The contractor shall be responsible for any updates in the automated case management system which are necessary to correct the outcomes. The Children's Division shall correct any programming errors identified by the contractor.

(16) In addition to those measures authorized in section (15) above, if the contractor does not meet the performance and/or outcome goals specified in the contract and in 13 CSR 35-35.100, or otherwise fails to comply with this regulation, any other laws or regulations, or the contract, the Children's Division may elect to require the contractor to implement a *[practice improvement]* corrective action plan to *[correct]* remedy any deficiencies in performance. Failure of the contractor to take action as indicated in the practice improvement plan within ninety (90) calendar days, or the number of days specified in the practice improvement plan, shall be considered a breach of contract. Thereafter, the Children's Division may terminate the contract or pursue any other remedies in law or equity available to the Children's Division. The written *[practice improvement]* corrective action plan shall address

- (A) Reasons why the *[outcome]* goal was not achieved;
- (B) Steps taken to meet the *[outcome]* goal;
- (C) Individual(s) responsible for necessary action; and
- (D) Timeframe for meeting the defined *[outcome]* goal.

(17) All contractors, whether accredited, licensed or not, shall fully comply with the information sharing requirements set forth in 13 CSR 35-35.140(5).

AUTHORITY: sections 207.020 and 660.017, RSMo [2000] 2016, section 210.II2.8, RSMo Supp. [2010] 2020, and Young v. Children's Division, State of Missouri Department of Social Services, 284 S.W.3d 553 (Mo. 2009). Original rule filed Feb. 28, 2011, effective Oct. 30, 2011. Emergency amendment filed June 11, 2021, effective July 1, 2021, expires Feb. 24, 2022. A proposed amendment covering this same material is published in this issue of the Missouri Register.

PUBLIC COST: This emergency amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the time the emergency is effective.

PRIVATE COST: This emergency amendment will not cost private entities more than five hundred dollars (\$500) in the time the emergency is effective.

Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children's Division
Chapter [32—Child Care] 35—Alternative Care

EMERGENCY AMENDMENT

13 CSR 35-[32.030/35.130 Contracted Foster Care Case Management Costs. The division is renumbering this rule and moving it to Chapter 35. The division is also amending sections (1) (6) and adding section (7).

PURPOSE: This amendment implements House Bill 1414 (2020), which amended section 210.II2, RSMo. in regards to how the Department of Social Services and the Children's Division will determine the reasonable cost for contracted foster care case management services for foster care case management contracts under 210.II2, RSMo; and how foster care case management contractors may earn incentive payments for superior performance pursuant to section 210.II2, RSMo.

EMERGENCY STATEMENT: The Department of Social Services, Children's Division, by rule and regulation, must promulgate regulations to implement House Bill 1414 (2020), which amended section 210.II2, RSMo, by July 1, 2021. This amendment was promulgated with extensive consultation from stakeholders over several months after the enactment of HB 1414. Stakeholders, including Foster Care Case Management Contractors, judges, juvenile officers and academic experts, all play a unique role in the response and evaluation team that was created by HB 1414. Section 210.II2, RSMo, required the division to create the team which was to meet for the first time no later than January 1, 2021. The division timely set up the response and evaluation team as required by the statute. Successive meetings and discussions with stakeholders have been taking place since then, and continue to occur. The implementation of this regulation now, on an emergency basis, is necessary to comply with the statutory mandate to promulgate rules pursuant to section 210.II2, RSMo. by July 1, 2021. The amendment to this regulation is being promulgated in conjunction with the promulgation of 13 CSR 35.35.100, 35.35.120, and 35.35.140 because they cross reference each other and must therefore be implemented together to promulgate a consistent regulatory system. The Children's Division is vested by law with the authority and responsibility to establish the child welfare system for the whole state. See sections 207.020, 210.109, and 210.II2 RSMo. The Children's Division has determined that promulgation of this regulation is necessary on an emergency basis to address a danger to public health, safety and/or welfare of children in Missouri. This amend-

ment will ensure that protecting the safety and welfare of the children will be the paramount consideration in managing services for abused and neglected children in foster care, it will establish new systems to measure the performance of foster care case management providers, and ensure that foster care case management is accomplished in a transparent and accountable manner. This regulation will further ensure that incentive payments to private foster care case management agencies will be based upon a comprehensive set of performance criteria. The Children's Division therefore has a compelling governmental interest to promulgate this section on an emergency basis. The scope of this emergency amendment is limited to the circumstances creating the emergency and complies with the protections extended by the Missouri and United States Constitutions. The Children's Division believes that this emergency amendment is fair to all interested persons and parties under the circumstances. A proposed amendment, which covers this same material is published in this issue of the Missouri Register. This emergency amendment was filed June 11, 2021, becomes effective July 1, 2021, and expires February 24, 2022.

(1) Payment to individuals and entities providing foster care case management [providers] services pursuant to section 210.112, RSMo., and 13 CSR 35-35.120 (hereinafter referred to as "contractors") contracted by the Children's Division of the Department of Social Services (hereinafter referred to as the "division" or "CD") shall be based on the reasonable cost of services as determined through the competitive procurement process. [Providers] Contractors and prospective contractors (hereinafter referred to as "contractor" or contractors") shall certify their bid covers all reasonable costs at a firm fixed price unless otherwise provided by law.

(A) Upon request by CD, the [provider] contractor shall submit a written explanation and supporting documentation detailing how the [provider] contractor calculated the reasonable costs of services. The CD may not award a contract to any [provider] contractor which fails to submit such information when requested by CD.

(B) CD, in its sole discretion, may reject any bid where CD determines that the bid amount for a service or services exceeds the reasonable cost of the service or services. The Department of Social Services shall apply the cost principles set forth in 2 CFR Part 200 as applicable in the approval, evaluation, and audit of bids and contracts. CD shall use federal Uniform Guidance, pursuant to 2 CFR 200.404, to define reasonable costs as follows:

1. Reasonable costs. A cost is reasonable if, in its nature or amount, it does not exceed that which would be incurred by a prudent person under the circumstances prevailing at the time the decision was made to incur the cost[s]. The question of the reasonableness [of specific costs must be scrutinized with particular care in connection with organizations or separate divisions thereof which receive the preponderance of their support from awards made by federal agencies] is particularly important when the contractor is predominantly federally funded. In determining the reasonableness of a given cost, consideration shall be given to

A. Whether the cost is of a type generally recognized as ordinary and necessary for the operation of the [organization] contractor or the proper and efficient performance of the [award] contract;

B. The restraints or requirements imposed by such factors as: sound business practices; arm's-length bargaining; federal, state, local, tribal, and other laws and regulations; the terms and conditions of the federal award of monies to the state, generally accepted sound business practices, [arm's-length bargaining, federal and state laws and regulations,] and terms and conditions of the [award] contract;

C. Market prices for comparable goods or services for the geographic area;

D. Whether the individuals concerned acted with prudence in

the circumstances, considering their responsibilities to the *[organization]* contractor, its members, employees, and clients, the public at large, and the state and federal government; and

I.D.J.E. [Significant deviations] Whether the contractor significantly deviates from the established practices of the division or the [organization] contractor which may unjustifiably increase the contract costs.

(2) CD may, in its sole discretion, establish a cap on the highest amount that CD will pay for the reasonable cost of services identified in the Request for Proposal (RFP) or Invitation for Bid (IFB). CD will announce the cap for services in the RFP or IFB. CD shall utilize one (1) or more of the following methods to establish the cap as part of the competitive procurement process:

(A) Industry cost reports for the previous three (3) calendar years which demonstrate the costs to the *[provider]* contractor to deliver the services identified in the RFP or IFB. Such reports shall include costs for case management services, community resource development, treatment services, special expenses, crisis expenses, administrative costs, and any other cost incurred to provide the services identified in the RFP or IFB. Upon request by CD, case management *[provider]* contractors or prospective case management *[provider]* contractors who submit a proposal or bid for a contract shall provide CD with cost reports and supporting documentation, if and when required by the RFP or IFB. The format for submission of cost report information shall be included in the RFP or IFB.

1. Cost for case management services shall include all costs associated with assessments, case planning, placement services, service planning, permanency planning, and concurrent planning. Such costs shall include salaries and benefits for required staff.

A. Assessments shall be defined as the consideration of all social, psychological, medical, educational, and other factors to determine diagnostic data to be used as a basis for the case plan.

B. Case planning is a process of negotiation between the family case manager, parent(s) or guardian(s) from whom the child was removed, and the juvenile officer which describes the services and activities necessary for the purpose of achieving a permanent familial relationship for the child.

C. Placement services is the selection of the most appropriate placement resource for children in out of home care based on the assessment of the child's unique needs and personality and the out of home care *[provider]* contractor's capacity and skills in meeting those needs.

D. Service planning is the provision of any services indicated and identified as needed through an assessment and case plan or ordered by the juvenile court.

E. Permanency planning is determining the permanent plan which best meets the needs of the child.

F. Concurrent planning is a process of pursuing a primary permanency goal for children in out of home care, such as reunification, while simultaneously establishing and implementing an alternative permanency plan for that child.

2. Cost for community resource development shall include all costs associated with the recruitment, assessment, training, and maintenance and retention of out of home care providers. It shall also include the development of those services which shall best meet the needs of the child and his/her family.

3. Cost for treatment services shall include all services designed to meet the service and treatment needs of an individual.

4. Cost for special expenses shall include all costs associated with needs of children which are not designed to meet a service or treatment need. These costs would not be included in the foster care maintenance payment to the placement *[provider]* contractor. An example is a clothing allowance.

5. Cost for crisis expenses shall include all **reasonably necessary** costs incurred to address the critical financial and resource needs of families. Crisis funds are utilized to purchase specific items family members need to alleviate a crisis. An example is payment to

have utilities restored so that a child may be returned home.

6. Administrative costs are those which are incurred to deliver the case management services defined in the RFP or IFB which are not included above in paragraph (2)(A) 1., (2)(A) 2., (2)(A) 3., (2)(A) 4., or (2)(A) 5. Such costs include expenses for general administrative functions and overhead.

7. *[Provider]* Contractor costs shall be determined and validated by a third party contractor retained by CD or the Department of Social Services for that purpose. The *[provider]* contractor shall submit any and all information that CD, the Department of Social Services, or the third party contractor may require to validate the cost report. The *[provider]* contractor shall certify such information is truthful, accurate, and complete.

8. *[Provider]* Contractor costs shall include any applicable credits or payments received through federal or state funding sources or private contributions.

9. Industry cost reports shall include any audited financial statements for the applicable time period under review;

(3) Contracts shall be made to the lowest and best qualified bidder(s), subject to applicable procurement law and available appropriation. A qualified bidder is a *[provider]* contractor which meets all of the requirements in law, regulation, and policy related to the services identified in the RFP or IFB. A qualified bidder must also meet the qualifications outlined in the RFP or IFB.

(4) The number of bids, contracts and cases awarded to any given *[provider]* contractor are subject to available appropriation.

(5) The contract shall specify the monthly amount which is to be paid based on the number of cases awarded unless payment has been reduced for reasons specified in this regulation. The contract may include a provision that the parties to the contract may amend the contract to increase or decrease the rate if *[specifically]* authorized by statute or appropriation.

(6) The contract shall provide for the payment of incentives to recognize accomplishment of case goals and corresponding cost savings to the state, subject to the availability of appropriated funds. In the event that sufficient funds are not available to pay the full incentives, as adjusted, and calculated pursuant to this section, the Department of Social Services shall reduce the payment to each contractor eligible to receive an incentive payment pro rata on the basis of the proportion of cases that the eligible contractor handled during the period to the total number of cases handled by foster care case management contractors eligible to receive an incentive payment during the period.

(A) For contracts effective on or before September 30, 2011, incentives shall be provided when contractors exceed the permanency expectations identified in the contract as follows:

1. The contract shall identify the percentage of children who are to achieve permanency in a twelve (12) month period. Permanency shall be defined as reunification with the child's parent(s) or legal guardian(s), a finalized adoption, or establishment of a legal guardianship;

2. CD shall refer the number of cases in the Notice of Award during the first month of the contract year. CD shall refer additional cases throughout the contract year with the intention of replacing cases which are expected to move to permanency each month based on the percentage of children who are to achieve permanency as identified in the contract; and

3. The contractor shall be paid monthly for the number of cases awarded, regardless of the number they actually serve, except in the following situations:

A. CD shall reduce the payment when CD determines it is in the best interest of a child to reassign the case to CD staff and the case is not replaced. CD shall reduce payment by the number of cases which have been disenrolled and reassigned for case management

which were not replaced;

B. CD shall reduce payment when the contractor is placed on referral hold as the result of the contractor's staff involvement with an unacceptable, egregious situation as defined in the contract. Payment shall be reduced by the number of cases which CD is unable to refer while the contractor is on referral hold due to an egregious situation. Egregious situations are defined in this rule to include any situation which seriously impacts the delivery of services to a child or family assigned to the contractor, including a material breach of the contract with the division, and shall include, but is not limited to, the following:

- (I) Court contempt order;
- (II) Violating the condition(s) of a court order;
- (III) Unsafe environments or inappropriate out of home provider as evidenced by the following:
 - (a) Placement in unlicensed foster homes or facilities unless approved by the court;
 - (b) Placements with a provider without conducting a background screening;
 - (c) Placements with a provider with a failed background screening as defined in the CD Child Welfare Manual;
 - (d) Placements without full compliance with the requirements of the Interstate Compact on the Placement of Children (section 210.620, RSMo); and
 - (e) Placements without court approval where court approval is required;
- (IV) Breaches of confidentiality as defined in the contract;
- (V) Intentionally, recklessly, knowingly, or negligently entering false data in CD's automated case management system;
- (VI) Failure to comply with the requirement to report suspected child abuse and neglect, child injuries, child fatalities, or other critical incidents as required by contract and/or as required by section 210.115, RSMo; and

(VII) Other violations of federal or state law[;].

C. The contractor shall not invoice for reentries into care within twelve (12) months of previous exit except under those circumstances described below

(I) The contractor shall be paid for reentries into care during the contract year whereby the number of cases replacing those which are expected to move to permanency each month shall be reduced to correspond with the number of reentries when

(a) The contractor does not have an opportunity to serve the case or the court terminates jurisdiction and there is clear and convincing documentation to support the contractor was against the release of jurisdiction;

- (b) Reunification does not occur; and
- (c) The case has been replaced; and

(II) The contractor shall be paid for reentries into care during the next contract year whereby the reentry into care shall count as an active case at the beginning of the contract year when

(a) The contractor does not have an opportunity to serve the case or the court terminates jurisdiction and there is clear and convincing documentation to support the contractor was against the release of jurisdiction; and

(b) Reunification did occur when the court first terminated jurisdiction after assignment to the contractor;

D. CD shall reduce the monthly case rate to remove the foster care maintenance payment for those children who have been enrolled in the interdivisional agreement through the *Mental Retardation and/* Developmental Disabilities (MRDD) waiver with the Missouri Department of Mental Health; and

E. CD shall reduce the monthly case rate to reimburse the contractor for only case management services when a child meets the definition of a catastrophic case as defined in the contract and CD is providing additional funding for the child.

(B) For new contracts issued based on an RFP or IFB on or after October 1, 2011, subject to available appropriation, CD shall pay an incentive for the sum of the monthly differences between the number

of children who are expected to achieve permanency as defined in the contract and the number of children who do achieve permanency when the one for one case replacement methodology is utilized. Permanency shall be defined as reunification with the child's parent(s) or legal guardian(s), a finalized adoption, or establishment of a legal guardianship. The following provisions shall apply to the administration of the incentive:

1. The percentage of children which are to achieve permanency in a twelve (12) month period shall be based on the following percentage, whichever number is higher:

A. The percentage of children who move to permanency with in a region, utilizing an average for all counties served within the region; or

B. The percentage of children contractors serve who move to permanency within a region, utilizing an average of the performance of contractors serving the region;

2. The contractor may return cases to CD when children have been placed with their parent(s) for more than ninety (90) days. The contractor may return cases to CD when children have been placed with their legal guardian(s), from whom they were removed, for more than ninety (90) days. The contractor may retain management of the case after ninety (90) days only with the prior, written permission of the CD. When permission is granted, the contractor shall understand the permanency expectation will not change. The contractor shall return cases when an adoption has been finalized, the courts have awarded a legal guardianship, and when the juvenile court has terminated jurisdiction over the child. CD may replace such cases on a one for one basis. When the one for one case replacement methodology is utilized, CD shall replace cases in the following order of preference if cases are available:

A. The next child and any sibling who enter care within ten (10) calendar days in the county where the case was returned;

B. A child and any sibling currently case managed by CD in the county where the case was returned with services being provided by a supervisor or coworker due to the extended absence of the service worker;

C. A child and any sibling which entered care within thirty (30) calendar days in the county where the case was returned which is case managed by CD;

D. A child and any sibling from a county other than the one where the record was returned which is served by the contracted *[provider]* contractor and meets the criteria set forth in subparagraph (6)(B)2.A., (6)(B)2.B., or (6)(B)2.C. above, when agreeable to the contractor; and

E. In the event the contractor is assigned more active cases than awarded in an effort to keep one (1) worker assigned to a sibling group, cases shall not be replaced until such a time when the contractor is serving the amount of active cases awarded. Active cases do not include children who have been placed with their parent(s) for more than ninety (90) days unless the CD has granted permission for the contractor to keep the case; children who have been placed with their legal guardian(s), from whom they were removed, for more than ninety (90) days unless the CD has granted permission for the contractor to keep the case; children who have been adopted; those situations where the courts have awarded a legal guardianship; situations where the juvenile court has terminated jurisdiction over the child; or reentries into care unless they meet the criteria specified in part (6)(A)3.C. (I) above or the rate of re entries or the number of re entries into care within twelve (12) months has not exceeded the allowable rate or number as defined in (6)(B) 3.D. below. The contractor shall not be assigned a sibling group which would increase the number of cases awarded by more than two percent (2%). The contractor shall inform CD of the additional number of cases which may need to be replaced to keep the contractor at the number of cases awarded by the end of the contract year;

3. The contractor shall be paid for the number of cases awarded except in the following situations:

A. Payment shall be reduced in the following and subsequent

months during the contract year and subsequent renewal periods to correspond with the number of cases which could not be assigned when the counties have no case which meets any of the criteria identified in subparagraph (6)(B)2.A., (6)(B)2.B., (6)(B)2.C., or (6)(B)2.D. above. CD reserves the right to increase the number of referrals during subsequent renewal periods when the number of children entering CD's custody increases in the geographic region served by the contractor, when the *[provider]* contractor is agreeable to such;

B. CD shall reduce the payment when CD determines it is in the best interest of a child to reassign the case to CD staff and the case is not replaced. CD shall reduce payment by the number of cases which have been disenrolled and reassigned for case management which were not replaced;

C. CD shall reduce payment when the contractor is placed on referral hold as the result of the contractor's staff involvement with an unacceptable, egregious situation as defined in the contract. Payment shall be reduced by the number of cases which CD is unable to refer while the contractor is on referral hold;

D. CD shall set an allowable rate of re entries or the number of re entries into care within twelve (12) months of previous exit, which shall not include the re entries defined below. The rate or the number allowed shall be based on historical data. CD, at its sole discretion, may adjust this rate or number based on mitigating factors. The contract shall set forth that after the rate is exceeded, the contractor shall not be paid for cases exceeding the allowable number of reentries set forth in the contract or shall be assessed a penalty after the rate is exceeded. If a penalty is assessed, the penalty shall be based on a methodology set forth in 13 CSR 35-35.100 and the contract.

(I) The reentry into care will count as an active case and the contractor will be paid for the case when CD is able to determine that the contractor did not have an opportunity to serve the case or the court terminated jurisdiction and there is clear and convincing documentation to support the contractor was against the release of the jurisdiction. In the event the contractor is serving more active cases than awarded as the result of the reentry into care, they shall not be paid for such. However, cases shall not be replaced until such a time when the contractor is serving the amount of active cases awarded;

E. The monthly case rate shall be reduced to remove the foster care maintenance when the contract specifies the division shall be responsible for such; and

F. CD shall reduce the monthly case rate to reimburse the contractor for only case management services when a child meets the definition of a catastrophic case as defined in the contract and CD is providing additional funding for the child;

4. CD shall determine the number of children achieving permanency during the contract year while being served by the contractor. The contractor will be paid for the sum of the monthly differences between the number of children who are expected to achieve permanency as defined in the contract and the number of children who do achieve permanency, subject to available appropriation, as follows:

A. Contractors shall be paid the monthly amount bid and awarded for the sum of the monthly differences during the contract year as identified in paragraph (6)(B) 4. above, subject to available appropriation; and

B. The incentive shall be a one (1) time payment for the number of children who exceeded the permanency standard during the contract year as identified in paragraph (6)(B)4. above; and

5. CD reserves the right in its sole discretion to reduce the number of cases assigned in subsequent contract years with payment reduced to correspond when the contractor fails to meet the permanency standard defined in the contract. CD also reserves the right to terminate the contract. In the event the contractor fails to meet the permanency standard and the number of cases are reduced in subsequent contract years, CD may reduce the number of cases awarded as follows:

A. CD may request the return of active cases;

B. CD may not replace cases which are closed by the contractor; and

C. CD will reduce payment to correspond with the number of active cases served.

(C) For all contracts effective on or after April 1, 2022, the provisions of subsections (6)(A), (6)(B), and this subsection (6)(C) shall apply. To receive an incentive the contractor must first qualify to receive an incentive by exceeding the permanency performance goal for the region as specified in this subsection. If the contractor qualifies for an incentive by exceeding the permanency performance goal for the region, then the contractor will qualify to receive fifty percent (50%) of the incentive payment. To earn the remaining fifty percent (50%) of the incentive payment, the contractor must meet the performance goals and outcomes established pursuant to 13 CSR 35-35.100 as they are phased in, and as further provided in this subsection.

1. The CD shall establish relative weights to be given to each item in the Safety, Well-Being and Service Domains and the additional requirements of the Permanency domain as they are phased in as provided in 13 CSR 35-35.100. The incentive payment shall be reduced as provided in paragraph 2. of this subsection if the contractor fails to meet the performance goals established of 13 CSR 35-35.100 and the evaluation tool therein.

2. The remaining fifty percent (50%) of the incentive payment shall be calculated as follows:

A. If the contractor achieves a score of equal to or greater than one hundred percent (100%) of the weighted performance and outcome score then the contractor shall receive the full portion of the incentive payment under paragraph 2. of subsection (6)(C) of this regulation;

B. If the contractor receives a score of ninety to ninety-nine percent (90-99%) of the weighted performance and outcome score the contractor shall receive ninety percent (90%) portion of the full incentive payment under paragraph 2. of subsection (6)(C) of this regulation; or

C. If the contractor receives a score of less than ninety percent (90%) or less of the weighted performance and outcome score the contractor shall not receive an incentive payment under paragraph 2 of subsection (6)(C) of this regulation.

3. To calculate the performance and outcome score specified in paragraph 2. of this subsection, the division will calculate for each contractor the percentage of the performance outcome goal for each item in each Domain being scored under 13 CSR 35-35.100 that each contractor actually achieved for that item during the Phase for the period. The percentage achieved for each item under each Domain shall then be multiplied by the weight factor (if any) assigned to each item. The net sum of the weighted percentages will be the final score for each contractor for the period. The performance outcome goals for the period and the weights to be assigned to each item will be established by the division, in conjunction with the Research and Evaluation team and other individuals, following the procedures specified in 13 CSR 35-35.100.

4. The final scores shall rounded up to the nearest whole number.

5. The scores for each contractor shall be published on the division's website.

(7) Changes to reimbursements for services in addition to the contracted amounts will be based upon available increased or decreased appropriations for case management purposes and will be allocated to both public and private providers of such services. The allocation shall be made pro rata to the division and each contractor based upon the proportion of the total number of cases that the division and each contractor served during the period to the total number of cases of children served statewide during the period.

AUTHORITY: sections 207.020 and 660.017, RSMo [2000] 2016, section 210.112.8, RSMo Supp. [2010] 2020, and Young v. Children's Division, State of Missouri Department of Social Services, 284 S.W.3d 553 (Mo. 2009). Original rule filed Feb. 28, 2011, effective Oct. 30, 2011. Emergency amendment filed June 11, 2021, effective July 1, 2021, expires Feb. 24, 2022. A proposed amendment covering this same material is published in this issue of the Missouri Register.

PUBLIC COST: This emergency amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the time the emergency is effective.

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Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children's Division
Chapter 35—Alternative Care

EMERGENCY RULE

13 CSR 35-35.100 Response and Evaluation Process for Case Management of Children in Foster Care

PURPOSE: This rule implements House Bill 1414 (2020), which amended section 210.112, RSMo. The purpose of this rule is to regulate the Response and Evaluation process for case management services that are identified in the amended statute.

EMERGENCY STATEMENT: The Department of Social Services, Children's Division, by rule and regulation, must promulgate regulations to implement the 2020 amendments to section 210.112, RSMo, by July 1, 2021. This rule was promulgated with extensive consultation from stakeholders over several months after the enactment of HB 1414. Stakeholders, including Foster Care Case Management Contractors, judges, juvenile officers and academic experts, all play a unique role in the response and evaluation team that was created by HB 1414, section 210.112, RSMo required the division to create the team which was to meet for the first time no later than January 1, 2021. The division timely set up the response and evaluation team as required by the statute. Successive meetings and discussions with stakeholders have been taking place since then and continue to occur. The implementation of this regulation now, on an emergency basis, is necessary to comply with the statutory mandate to promulgate rules pursuant to section 210.112, RSMo, by July 1, 2021. This regulation is also being promulgated in conjunction with amendments to 13 CSR 35 35.120, 35 35.130, and 35 35.140 because they cross reference each other and must therefore be implemented together to promulgate a consistent regulatory system. The Children's Division is vested by law with the authority and responsibility to establish the child welfare system for the whole state. See sections 207.020, 210.109, and 210.112, RSMo. The Children's Division has determined that promulgation of this regulation is necessary on an emergency basis to address a danger to public health, safety, and/or welfare of children in Missouri. This rule will ensure that protecting the safety and welfare of the children will be the paramount consideration in managing services for abused and neglected children in foster care, it will establish new systems to measure the performance of foster care case management providers, and ensure that foster care case management is accomplished in a transparent and accountable manner. The Children's Division therefore has a compelling governmental interest to promulgate this section on an emergency basis. The scope of this emergency rule is limited to the circumstances creating the emergency and complies with the protections extended by the Missouri and United States Constitutions. The Children's Division believes that

this emergency rule is fair to all interested persons and parties under the circumstances. A proposed rule, which covers this same material, is published in this issue of the Missouri Register. This emergency rule was filed June 11, 2021, becomes effective July 1, 2021, and expires February 24, 2022.

(1) Purpose and Scope.

(A) The purpose of this regulation is to implement the amendments to section 210.112, RSMo. that were enacted into law in HB 1414 of the 2020 regular session of the Missouri General Assembly. This regulation applies to case management services, whether provided by employees of the Children's Division (hereinafter the "division") or by Foster Care Case Management Contractors (FCCMs).

(B) In implementing this regulation, the safety and welfare of children shall be the paramount consideration.

(2) Definitions. For the purposes of this section the following definitions shall apply:

(A) "Accrediting body" shall refer to the Council on Accreditation of Services for Children and Families, Inc., the Joint Commission on Accreditation of Healthcare Organizations, or the Commission on Accreditation of Rehabilitation Facilities;

(B) "CFSR" shall mean the Child and Family Services Review process, standards, goals and measures established by the Administration of Children and Families of the United States Department of Health and Human Services.

(C) "CFSR OSRI" shall refer to the CFSR On Site Review Instrument utilized by the Administration of Children and Families of the United States Department of Health and Human Services.

(D) "Case management services" shall include assessments, case planning, placement services, service planning and concurrent planning for children. These services include, but are not limited to:

1. Coordinating and facilitating the provision of services necessary ensure the safety and well being of the child, to meet the needs of the child's parent(s) or caretaker and to promote timely permanency;

2. Facilitation of family support team meetings;

3. Facilitation and/or supervision of visits between children and their family members;

4. Preparation of court reports;

5. Attending and participating in court hearings; and

6. Coordination of services and provisions in compliance with federal and state law, and directed by Children's Division policy and regulation.

(E) "Child" or "Children" shall mean any individual who has been placed under the supervision of the division or in the legal or physical custody of the division by judgment or order of a juvenile or family court.

(F) "Direct Service Providers" means any person or entity who is providing case management services to children and families of children who are under the jurisdiction of the juvenile court and who are either placed under the supervision of the division or placed in the legal or physical custody of the division. This applies to alternative care Children's Division Case Managers and their supervisors, and to FCCMs.

(G) "Foster Care Case Management Contractors", "FCCM" or "FCCMs" shall mean any individual or entity which has a contract with the children's division to provide case management services for children. It also shall mean any contractor or subcontractor of an FCCM which provides case management services. It does not mean individual employees of the FCCM.

(H) "Large Contractor" shall mean any FCCM which is contracted to provide case management services for one hundred (100) or more children. It shall also refer to the lead FCCM contractor and their sub contracted partner agencies.

(I) A "near fatality" means any physical injury or illness of a child caused by suspected or substantiated child abuse or neglect that, as certified by a physician, places the child in serious or critical condition.

(J) "Provider" shall mean the Children's Division and FCCM, but shall not mean individual employees of the division or FCCMs.

(K) "Response and Evaluation Team" or "the R&E Team" shall refer to the Response and Evaluation Team established pursuant to 210.112.3 RSMo.

(L) "Sentinel events" shall mean any critical incident as described in 13 CSR 35 71.070, any unusual event as described in 13 CSR 35 73.050 and:

1. A child fatality or near fatality;
2. An incident that causes serious emotional harm or serious bodily injury to a child. For purposes of this regulation a serious emotional or physical injury occurs when it is medically reasonable or necessary for a child to obtain professional medical intervention as a result of something that happens to the child while placed with the individual or organization;
3. A child elopes from his or her placement;
4. A fire in a location routinely occupied by children, which requires the fire department to be called;
5. A report of child physical abuse, emotional abuse, sexual abuse, or neglect pertaining to a child; and
6. Whenever a child attempts to harm him/herself or others, including suicide attempts.

(M) The term "serious bodily injury" means bodily injury which involves substantial risk of death, extreme physical pain, protracted and obvious disfigurement, or protracted loss or impairment of the function of a bodily member, organ, or mental faculty.

(N) Children with "Special Needs" shall include children who have physical, behavioral or mental health conditions that require specialized care.

(3) Evaluation Tool and Metrics.

(A) The division shall establish and implement a uniform evaluation tool, metrics and performance outcome goals for Providers to evaluate the quality of case management services. Performance outcome goals, but not metrics, may be adjusted regionally to account for regional differences in the availability of services, provided that the same performance outcome goals apply all Providers in the same region; provided that the performance outcome goals that apply to the division shall be adjusted to take into consideration the factors set forth in subparagraph (3)(F). The division shall establish the tool in conjunction with the R&E Team and other appropriate individuals. The division may establish and implement the evaluation tool in phases as described elsewhere in this regulation. The evaluation tool may draw from the following sources of data and information:

1. Data contained in the information system of the division, including FACES;
2. Data from surveys;
3. Detailed Case reviews of individual cases of children as described below;
4. Data and information from federal CSFR reviews;
5. External audits and program reviews;
6. Reports from an accrediting body; and
7. Other sources of information as may be necessary.

(B) The division will publish the proposed tool for Phase I on its website by April 1, 2022, and solicit comments from providers, stakeholders and the public. Providers may recommend alternative metrics based on the best interests of the child. In making such recommendations the providers shall explain, in writing, how the alternative metrics are in the best interests of the child and promote the safety and welfare of children. The division and the R&E Team will review the comments, and the R&E Team will submit recommendations based upon the comments within thirty (30) days of receipt of the comments. The division will consider the public comments and recommendations of the R&E Team and publish final evaluation tools and metrics for Phase I on or before July 31, 2022. The final, Phase I evaluation tools, metrics and performance outcome goals shall be implemented by and applicable to all effective October 1, 2022.

(C) The evaluation tool shall include selected metrics and perfor-

mance outcome goals from the CFSR and the CFSROSRI.

(D) By October 1, 2022, the division, in conjunction with the R&E Team and following the procedures set forth in subsection (3)(B), shall implement and all providers are required to utilize and implement a uniform, standardized stakeholder feedback tool. This tool will collect data from stakeholders pertaining to the quantity, quality and effectiveness of case management services that the division and FCCMs provide.

1. The tools may be surveys and will also provide space for stakeholders to provide narrative feedback and comments.

2. Separate stakeholder feedback tools shall be designed for and provided to each of the following categories of stakeholders: children twelve (12) years of age or older, parents or legal guardians of children, foster parents or resource providers, juvenile officers and judges of juvenile and family courts.

3. Stakeholder feedback tools shall be submitted on the following schedule:

A. Children twelve (12) years of age or older: annually and at the conclusion of the time the child is in care;

B. Foster parents and resource parents annually;

C. Parents or legal guardians of children in care, annually;

D. Juvenile officers, annually;

E. Judges of the juvenile and/or family courts who preside over proceedings under chapter 211 RSMo annually.

(E) The evaluation tool for Providers shall include metrics and performance outcome goals for the following domains listed below. The division may implement these in phases, but it shall implement at least one metric and performance outcome goals for each Domain in Phase I no later than October 1, 2022; implement additional metrics and performance goals in Phase II no later than October 1, 2023, and implement all remaining metrics and performance goals in Phase III no later than October 1, 2024. The division may implement additional performance outcome goals and metrics or make amendments to any Domain, performance outcome goal or metric in conjunction with the Response and Evaluation Team following the process set forth in section (9)(B) of this regulation as may be necessary and appropriate. Some metrics and performance outcome measures may apply to more than one Domain. To the maximum extent possible the metrics and performance outcome measures shall be based upon, and preferably mirror, the federal CSFR and PIP metrics, measures and goals. The achievement of the deadlines specified in this regulation are contingent on the availability information processing capability and the availability of funds that are necessary for implementation. The division, with the permission of the Department of Social Services, may extend the deadlines for implementation of a goal or metric if it is not technically feasible or if there are insufficient funds to implement by the deadline. The Domains are:

1. Safety Domain. The purpose of the Safety Domain metrics and performance outcome goals is to ensure, to the maximum extent possible, that children are kept safe from the risk of abuse and/or neglect for the duration of their experience within the child welfare system. Metrics and performance outcome goals will be developed and implemented to address the following:

A. Worker/child visits;

B. Reports of abuse and/or neglect of a child;

C. Sentinel events; and

D. Any other metrics and outcome goals that may be required by law or that the division may decide are appropriate.

2. Well Being Domain. The purpose of the Well Being Domain metrics and performance outcome goals is to ensure, to the maximum extent possible, that children receive the necessary care and services for them to grow, develop and thrive for the duration of their experience within the child welfare system. Metrics and performance outcome goals will be developed and implemented to address the following:

A. Parent/child visits to the extent that they are not contrary to the orders of the court;

B. Healthy Child and Youth program compliance (i.e. compliance with federal EPSDT requirements and standards). This will include timely completion of HCY/EPSDT screenings and also timely compliance with diagnosed and prescribed treatment;

C. Residential Placement of a child in a residential or institutional setting shall be in compliance with the requirements of federal and state law;

D. Education such as achievement of identified, developmentally and age appropriate educational milestones;

E. All case managers and supervisors successfully complete training in providing trauma informed and trauma based services; and

F. Any other metrics and outcome goals that may be required by law or that the division may decide are appropriate.

3. Permanency Domain. The purpose of the Permanency Domain metrics and performance outcome goals is to ensure, to the maximum extent possible, that children achieve permanency and are discharged to a safe and appropriate placement from the care and supervision of the child welfare system in a timely manner. Metrics and performance outcome goals will be developed and implemented to address the following:

A. Worker/parent visits;

B. Re entries into foster care;

C. Timely achievement of the child's court approved permanency plan;

D. Stability of Placements;

E. Provision of services to meet the needs of older youth;

F. Timely development and effective implementation of a primary and concurrent permanency plan for each child;

G. Development and implementation of a social service plan to address the reasons why the child is in care; and

H. Any other metrics and outcome goals that may be required by law or that the division may decide are appropriate.

4. Service Domain. The purpose of the Service Domain metrics and performance outcome goals is to ensure that providers are effectively and efficiently managing the services that they are providing. Metrics and performance outcome goals will be developed and implemented to address the following:

A. Caseloads including caseloads per case manager and the number of changes in case manager that a child may experience while a child is in care;

B. Effective ratio of supervisors to supervision of case managers;

C. Timely reporting of sentinel events;

D. Cases returned to the division due to catastrophic costs or court order for case management by Foster Care Case Management agencies; and

E. Any other metrics and outcome goals that may be required by law or that the division may decide are appropriate.

(F) All metrics and performance outcome goals for the division shall be designed to take into consideration the following factors:

1. The fact that caseloads of FCCM case managers are capped;

2. The fact that FCCMs may return cases to the division due to catastrophic costs or court order for case management.

(G) The division, in conjunction with the R&E Team shall develop objective standards and criteria to identify cases which a Provider may feel are anomalous and should not be considered in developing the case management tool. The standards and criteria shall be implemented following the process and deadlines established in subsection (3)(B) of this regulation.

(H) To calculate the performance and outcome scores the division will calculate for each Provider the percentage of the performance outcome goal for each item in each Domain being scored under 13 CSR 35.35.100 that each Provider actually achieved for that item during the Phase for the period. The percentage achieved for each item under each Domain shall then be multiplied by the weight factor (if any) assigned to each item. The net sum of the weighted percent ages will be the total score for each Provider for the period. The per-

formance outcome goals for the period and the weights to be assigned to each item will be established by the division, in conjunction with the Research and Evaluation team and other individuals, following the procedures specified in this regulation.

(4) Collection of Data.

(A) Effective October 1, 2022, the division and FCCMs shall implement policies and procedures to require their staffs to timely record all of the necessary data in the information system. Information shall be timely posted if it is posted no later than the fifteenth (15th) day of the each calendar month for the preceding calendar month or sooner as may be required by policy of the division.

(B) The division and each FCCM shall develop and implement a system to track the timely and accurate recording of data in the information system by October 1, 2022; this may include, implementing a system to send reminders to staff, or prohibit completion of data entries, when mandatory data fields are not timely completed.

(C) The division will publish a list on its website describing the specific items of data that Providers will be responsible for recording and reporting. The division will publish its first list of data items on or before April 1, 2022 to be effective July 1, 2022. The division shall send a notice by e mail blast to all providers notifying them when a change has been made in the data points at least on quarter prior to the effective date of the list to ensure that providers have notice and an opportunity to prepare.

(D) Detailed Case reviews.

1. The division and the R&E Team will utilize the information and findings from individual case reviews from the federally required, statewide CFSR process.

2. In addition to the CFSR process, the division, in conjunction with the R&E Team, may develop and implement a detailed case review process if necessary to supplement the CFSR process and/or to ensure the quality of data that is being reported and utilized for calculating metrics and performance outcome goals and measures. The division and the R&E Team may also utilize detailed case reviews as part of the process of identifying and providing technical assistance to Providers who are having difficulty meeting performance outcome goals and measures, and for other purposes as provided in the Contract.

3. When a case has been selected for a detailed individual case review the provider providing case management services will be given the opportunity to propose different evaluation metrics if the case may have circumstances far beyond those which would be expected.

A. The division, in conjunction with the R&E Team and other stakeholders shall develop and implement objective standards and criteria for identifying cases which will be evaluated on different evaluation metrics. The division shall utilize the process described in paragraph (3)(B) for developing, publishing and implementing the standards and criteria.

B. The provider shall make the request to apply different evaluation metrics in writing, within ten (10) days of the date that the division identified the case for a detailed review. The request shall include:

(I) A detailed explanation for why the generally applicable criteria and metrics for conducting case reviews cannot be reasonably and appropriately applied to the case and why the case may have circumstances far beyond those that would be expected; and

(II) Explain in detail what performance measures and metrics the provider proposes that the division and the R&E Team apply to the review of the case.

C. The provider shall have the burden of proving that the case falls far beyond what is expected and what alternative metrics should be applied by clear and convincing evidence.

D. The division and/or the R&E Team shall conduct a full case review of each and every case that a provider identifies as a case that should be evaluated using different evaluation metrics.

(E) The division will collect data and all providers will provide

data on a monthly basis; provided that Detailed Case Reviews will be conducted when necessary to supplement other data sources as determined by the division in conjunction with the R&E Team.

(F) Providers shall make available all data, files, records and information pertaining to each and every case to the division and the R&E Team to perform their duties under 210.112 and this regulation. This includes information maintained in physical and electronic formats. Providers shall direct their staffs to provide true, complete, accurate and timely information to the division and the R&E Team members when performing their duties under this regulation. Providers shall make their employees and subcontractors available for interviews when conducting detailed case reviews.

(G) Providers shall ensure that staff are trained and have the opportunity to enter data into the information system in a timely manner to ensure that the data retrieved from the information system is timely and accurate. Data for the preceding calendar month shall be entered into the information system no later than the fifteenth (15th) day of the following calendar month or sooner as may be required by policy of the division.

(H) The data and metrics shall be analyzed and reported in the aggregate across the whole system, and then by judicial circuit, county (or city within a county) and Provider.

(5) The division and the R&E Team will develop, propose and implement a system for reviewing and working with providers who request assistance or who show signs of performance weakness. Performance weakness shall be defined and measured with reference to the metrics and performance outcome goals as discussed in this regulation, in addition to other provisions in the Contract.

(A) The division, in conjunction with the R&E Team will identify objective, performance measures and standards based on the metrics and performance goal outcome scores as calculated in subsection (3)(H) to identify providers who are showing areas in weakness of performance. This may be done in phases so as to be consistent with the phased implementation of the evaluation tool, metrics and performance outcome goals. The division will give the public and stakeholders thirty (30) days to submit comments and suggestions. The division will consider the comments and then publish the operational performance measures and standards on the division's website consistent with the phased implementation deadlines.

(6) Data Reporting.

(A) The division, in conjunction with the R&E Team shall develop and implement a standardized format for analyzing and reporting the data and lessons learned from the data. This will ensure that data is analyzed reported in a consistent and comparable manner from quarter to quarter. The division will follow the procedures specified in this regulation for developing and implementing the reporting tools.

(B) All measures, metrics and performance measures shall be designed to take into consideration the following factors:

1. The fact that case loads of FCCM case managers are capped; and
2. The fact that FCCMs may return cases to the division due to catastrophic costs or court order for case management.

(C) The division will publish the report quarterly on its website. The report for the preceding quarter shall be published on or before the last day of the end of the last month of the subsequent calendar quarter. The initial report shall be published no later than March 31, 2023, for the October 1, 2022 through December 31, 2022 quarter.

(D) In developing the standardized format for reporting the R&E Team shall be responsible for determining how to aggregate cases for the division and large contractors so that performance and outcomes may be compared effectively while also protecting confidentiality.

(7) Conflicts of Interest.

(A) Private Providers shall not participate in conducting detailed case reviews under this regulation when they or one of their officers, employees or subcontractors have a conflict of interest. It shall be

considered a conflict of interest:

1. For an officer or employee of a FCCM or private provider to conduct a case review of a case managed by the FCCM or private provider which employs them; and/or

2. For an officer or employee of a FCCM or private provider to conduct a case review of a case managed by a subcontractor of the FCCM or private provider which employs them; and

3. Where the provider or the employee of the provider has any interest in the underlying case.

(B) division staff shall not conduct detailed case reviews of cases under this regulation arising from the circuit where the division staff member conducting the review is assigned. The division may assign special staff not affiliated with any one particular circuit or region to conduct case reviews.

(C) No person shall conduct a detailed case review of a case in which he or she participated as a case manager or supervisor.

(8) All members of the R&E Team shall maintain the confidentiality of all information, documents and data that they receive in the performance of their duties as members of the R&E Team to the same extent that the information, documents and data is confidential in the hands of the division, its employees and contractors. R&E Team members shall submit requests for access to information and data to the division for review.

(9) Review and Evaluation of the Evaluation Tools, metrics and reporting format.

(A) The R&E Team shall review the evaluation tool and report for mat established under this section at least twice each year and submit a report to the division making any recommendations for changes in the tool. The Reports shall be due each year on or before July 1st and January 1st, with the first report being due July 1, 2023.

(B) The division may amend the evaluation tool, metrics and report formats as may be necessary to ensure that information is collected and reported in an accurate, efficient and useful way. The division will utilize the following process to amend the evaluation tool and report format:

1. The proposed amendments will be submitted to the R&E Team for review and comment. The R&E Team will have thirty (30) days to provide comments.

2. The division will then publish an announcement of the proposed amendments to all providers and to the public by an announcement on the division's website. The announcement will give providers and the public thirty (30) days to submit written comments.

3. The division may, but is not required to, hold one or more public hearings to solicit comments. These public hearings may be held in person, virtually or by telephone conference.

4. The division will consider the comments from the R&E Team and other sources and publish the final amendments on the division's website. The amendments shall be effective on the first day of the calendar quarter following the publication of the amendment, provided however that the effective date of the amendment shall not be less than thirty (30) days from the date of publication.

(C) Twenty four months after the first publication of the tools and metrics established under this regulation the R&E Team and the division shall conduct a comprehensive review of the tools and metrics established pursuant to the process established in 210.112 and this regulation. The division shall publish a report on its evaluation with in six (6) months of commencing the review.

AUTHORITY: sections 207.020 and 660.017, RSMo 2016, and section 210.112.8, RSMo Supp. 2020. Emergency rule filed June 11, 2021, effective July 1, 2021, expires Feb. 24, 2022. A proposed rule covering this same material is published in this issue of the Missouri Register.

PUBLIC COST: This emergency rule will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the

time the emergency is effective.

PRIVATE COST: This emergency rule will not cost private entities more than five hundred dollars (\$500) in the time the emergency is effective.

Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children’s Division
Chapter [50—Licensing] 35—Alternative Care

EMERGENCY AMENDMENT

13 CSR 35-[50.010] 35.140 Accreditation as Evidence for Meeting Licensing Requirements. The division is renumbering this rule and moving it to chapter 35. The division is also amending sections (1) (5), and is adding a new section (2) and (7), and is renumbering accordingly.

PURPOSE: This emergency amendment establishes the criteria and procedures by which the Children’s Division will accept proof of accreditation as a foster home, residential care facility or child placing agency by certain accrediting bodies as *prima facie* evidence of meeting the requirements for licensure as a foster home, residential care facility or child placing agency in light of the amendments to section 210.112, RSMo in HB 1414 (2020).

EMERGENCY STATEMENT: The Department of Social Services, Children’s Division, by rule and regulation, must promulgate regulations to implement the 2020 amendments to section 210.112, RSMo, by July 1, 2021. This amendment was promulgated with extensive consultation from stakeholders over several months after the enactment of HB 1414. Stakeholders, including Foster Care Case Management Contractors, judges, juvenile officers and academic experts, all play a unique role in the response and evaluation team that was created by HB 1414. Section 210.112, RSMo, required the division to create the team which was to meet for the first time no later than January 1, 2021. The division timely set up the response and evaluation team as required by the statute. Successive meetings and discussions with stakeholders have been taking place since then, and continue to occur. The implementation of this regulation now, on an emergency basis, is necessary to comply with the statutory mandate to promulgate rules pursuant to section 210.112, RSMo, by July 1, 2021. The amendments to this regulation are being promulgated in conjunction with 13 CSR 35.35.100, 35.35.120, and 35.35.130 because they cross reference each other, and must therefore be implemented together to promulgate a consistent regulatory system. The Children’s Division is vested by law with the authority and responsibility to establish the child welfare system for the whole state. See sections 207.020, 210.109, and 210.112, RSMo. The Children’s Division has determined that promulgation of this regulation is necessary on an emergency basis to address a danger to public health, safety, and/or welfare of children in Missouri. This amendment will ensure that protecting the safety and welfare of the children will be the paramount consideration in managing services for abused and neglected children in foster care, it will establish new systems to measure the performance of foster care case management providers, and ensure that foster care case management is accomplished in a transparent and accountable manner. This regulation will further ensure that the Children’s Division has the regulatory tools to obtain and verify that accredited foster family homes, residential facilities, and child placing agencies comply with all of the requirements of licensure. The Children’s Division therefore has a compelling governmental interest to promulgate this section on an emergency basis. The scope of this emergency amendment is limited to the circumstances creating the emergency and complies with the protections extended by the Missouri and United States Constitutions. The Children’s Division believes that this emergency amendment is fair to all interested persons and parties under the circumstances. A proposed amendment, which covers this same material, is published in this issue of the Missouri Register. This emergency amendment was filed June 11, 2021, becomes effective July 1, 2021, and expires February 24, 2022.

(1) [The Children’s Division shall accept accreditation by Council on Accreditation of Services for Children and Families, Inc., the Joint Commission on Accreditation of Healthcare Organizations, or the Commission on Accreditation of Rehabilitation Facilities, as specified in section (2) of this rule, as *prima facie* evidence that the organization meets licensing requirements under sections 210.481 through 210.511, RSMo] Purpose and scope. This regulation applies to Licenses issued to Individuals or Organizations which are accredited by an Accrediting Body.

(2) Definitions. For the purpose of this regulation, the definitions set forth in section 210.481, RSMo, and the following definitions shall apply:

(A) “Accrediting body” shall mean the Council on Accreditation of Services for Children and Families, Inc., the Joint Commission on Accreditation of Healthcare Organizations, or the Commission on Accreditation of Rehabilitation Facilities.

(B) “Individual or organization” shall mean any adult person, corporation, partnership, religious denomination, religious organization or organized group of human beings.

(C) “*Prima facie* evidence” means evidence that will establish a fact or sustain a decision unless contradictory evidence is produced.

[(2)](3) [Type of License.] The Children’s Division shall accept accreditation by an accrediting body as *prima facie* evidence that the individual or organization meets the requirements for a license to operate a foster home, residential care facility, or child placing agency in accordance with the applicable provisions of sections 210.481 to 210.511, RSMo. The division will accept accreditation for purposes of documenting eligibility for license or relicensure. However, any individual or organization whose license is based upon accreditation must still fully comply with all of the requirements of licensure (including full compliance with all federal, state and local health and safety codes) as if not accredited for the duration of the license to maintain the license. The safety and welfare of children served by the individual or organization shall be the paramount consideration in all licensing decisions.

[(A) The organization shall provide to the Children’s Division, sufficient evidence that they are accredited in the service or program for which they are requesting a license.]

[(B)] If a service or program, including but not limited to child placing, maternity, infant/toddler, residential treatment, and intensive residential treatment in residential child care, is not accredited by the accrediting body, than the organization must apply for and meet all [other] licensing requirements as [put forth by the division] for the unaccredited program or service.

[(3)](4) Application// and Reapplication for License for Accredited Individual or Organizations[:].

(A) The individual or organization applying for licensure as an accredited individual or organization shall present to the division with its application for licensure[—] or relicensure all of the following

1. A copy of the individual or organization’s official final accreditation report and accreditation certificate from the accrediting body establishing that the individual or organization is accredited in good standing for the period of time covered by the license;

2. A list of operating sites which includes the capacity served,

the gender served, and the ages served by that organization. This list *[must]* shall be updated if there is a change in operating sites by the individual or organization;

3. A copy of the accrediting body's official standards and policies for accreditation;

4. A copy of any corrective action documents or other notices from the accrediting body regarding areas of non-compliance or required improvement or monitoring;

5. Any documentation required at initial licensure or re-licensure as stated in chapters 13 CSR 35-71 (for residential treatment agencies) and 13 CSR 35-73 (for child placing agencies), including but not limited to, agency policies, procedures, organizational charts, budgets, staff training records, personnel records verifying compliance with background check requirements; and

6. Any and all other information and documentation that the division may determine is reasonably necessary to verify that the individual or organization is accredited in good standing and otherwise meets all of the requirements for licensure.

(B) *If the organization has not been previously licensed by the state of Missouri,] The division in its discretion may conduct [an] on site visits to verify compliance with licensure requirements [may be required by the division] before a license is issued[;].*

(C) The division shall examine the areas that the organization is applying for a license. The division then *[shall]* may issue a corresponding license for those areas in which the organization is accredited. The license shall be valid for the period of time up to two (2) years (or such other time as may be specifically authorized or required by statute), or when the organization's accreditation expires, whichever is shorter[;].

(D) *[Nothing in this section will result in the loss of license if the accreditation certificate has expired,] If the individual or organization's accreditation expires during the term of the license, the division may issue a provisional license pursuant to section 210.486 RSMo for a period of time not to exceed six (6) months upon the individual or organization showing that*

1. *[t]he individual or organization is still in good standing with the accrediting body, [and] the re-accreditation process is being diligently pursued, and accreditation is expected within six (6) months of the date the accreditation expired.* The division may, at its discretion, request a letter of good standing from the accrediting body; *[and]*

2. The individual or organization otherwise demonstrates the potential capacity to meet full requirements for licensure; and

3. The division director is satisfied that the operation of the foster home, residential care facility, or child placing agency provisionally licensed is not detrimental to the health and safety of the children being served.

(E) *[Any denial or revocation of license based upon an organization's accreditation standing is entitled to a hearing as specified under the licensing rules or they may undergo the licensing process and meet all licensing rules in order to obtain a license,] The division may deny the issuance of a license to, or may suspend or revoke the license of, any individual or organization which fails to provide information that the division may require to establish eligibility for licensure.*

(F) The individual or organization seeking licensure under this section shall have the responsibility to apply for accreditation and/or re-accreditation in a timely manner to ensure compliance with all deadlines set out in this section and other applicable laws.

I(4)(5) Information Sharing.

(A) The individual or organization shall notify the division immediately of any sentinel event, any critical incident as required in 13 CSR 35-71.070, any unusual event as required in 13 CSR 35-73.050, and of any suspension, limitation, including but not limited to required corrective action or monitoring, or revocation of

accreditation. The procedures and requirements for reporting shall be the same for non-accredited, licensed individuals and organizations as provided in chapters 13 CSR 35-71 and 13 CSR 35-73.

(B) Sentinel events are *[as defined by the accrediting body]* those events which the accrediting body requires the individual or organization to report to the accrediting body as a condition of accreditation, but shall at a minimum include the following[:]

1. A death of a child in one (1) of the individual's or organization's facilities; *[or]*

2. A serious emotional or physical injury of a child in one of the individual's or organization's facilities. For purposes of this regulation, a serious emotional or physical injury occurs when it is medically reasonable or necessary for a child to obtain professional medical intervention as a result of something that happens to the child while placed with the individual or organization; *[or]*

3. A child elopes from the individual's or organization's facility;

4. A fire in a location routinely occupied by children, which requires the fire department to be called; *[or]*

4.15. An allegation or report of *[child] physical abuse, [physical or] sexual abuse, emotional abuse, or neglect of a child pertaining to the individual or organization, or an employee, contractor, subcontractor, volunteer, or officer of the individual or organization [which is substantiated by the division or through an internal investigation by the organization which occurs within a facility]; [or]*

4.16. An employee is terminated from employment in relation to the safety and care of children; *[or]*

4.17. There is any change in the chief executive officer; *[or]*

4.18. There is a lawsuit filed against the individual or organization by or on behalf of a person who is or was in the individual's or organization's care; *[or]*

4.19. Any known criminal charges are filed against the individual, facility, organization, any resident of the facility, or any employee or volunteer of the individual or organization who has contact with children;

10. When the individual or organization is not in compliance with any of the criteria for accreditation, including maintaining the required level of services and staffing levels, for more than three (3) consecutive days; or

11. Whenever a child attempts to harm him/herself or others, including suicide attempts.

(C) The individual or organization shall notify the division of the entrance, exit and any performance review meetings of the accrediting body which are held in conjunction with the accreditation of the organization. The division has a right to attend any or all of these meetings between the organization and the accrediting body.

I(5)(6) The division may make such inspections and investigations as it deems necessary to *[conduct an initial visit to a facility not previously licensed]* ensure that the individual or organization continues to meet the requirements of licensure, for investigative purposes involving *[complaints]* reports of alleged child abuse or neglect, *[at reasonable hours]* and to address a complaint concerning the health and safety of children which the individual or organization serves, *[or any other mutually agreed upon time].*

(7) Any individual or organization who is aggrieved by a decision of the division to deny, revoke or suspend a license based upon an organization's accreditation standing under this section may either

(A) Seek administrative review following the procedures set forth in 13 CSR 35-71.030 for residential treatment agencies or 13 CSR 35-73.017 for child placing agencies; or

(B) Apply for licensure as an unaccredited individual or organization.

AUTHORITY: sections 207.020, 210.506, and 660.017, RSMo 2016, and section 210.112.8, RSMo Supp. [2004] 2020. Emergency rule filed Dec. 23, 2004, effective Jan. 2, 2005, expired June 30, 2005. Original rule filed Dec. 23, 2004, effective June 30, 2005. Emergency amendment filed June 11, 2021, effective July 1, 2021, expires Feb. 24, 2022. A proposed amendment covering this same material is published in this issue of the Missouri Register.

PUBLIC COST: This emergency amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the time the emergency is effective.

PRIVATE COST: This emergency amendment will not cost private entities more than five hundred dollars (\$500) in the time the emergency is effective.

Title 19—DEPARTMENT OF HEALTH AND SENIOR SERVICES

Division 30—Division of Regulation and Licensure Chapter 84—Training Program for Nursing Assistants

EMERGENCY AMENDMENT

19 CSR 30-84.010 [Nurse] Nursing Assistant Training Program. The department is amending the title of the rule and sections (4), (5), (6), (7), (9), and (10) and adding two (2) new forms.

PURPOSE: The emergency amendment sets forth requirements for the type of course setting and curricula content and instructional materials. Adds reciprocity qualifications for others states' certified nursing assistants (CNA) to be added to the Missouri CNA Registry and changes testing requirements by allowing a third party proctor to administer the test.

EMERGENCY STATEMENT: This emergency amendment is necessary due to the novel COVID 19 pandemic. COVID 19 has caused a disruption in the training of certified nurse assistants (CNAs). This emergency amendment provides greater flexibility in training CNAs in environments that are more conducive to limit the spread of COVID 19 and that are away from medically vulnerable residents of long term care facilities.

The novel COVID 19 pandemic has also challenged the long term care facilities in hiring and retaining qualified CNAs. Therefore, the department is making it easier for CNAs who are on CNA registries in other states to be able to work in Missouri without having to complete additional requirements. This change will allow long term care facilities to have a greater number of qualified CNA candidates to employ.

The department has updated the current CNA training program to include the most up to date standards of practice for CNAs, including the most up to date infection control and prevention standards in order to better train CNAs and to protect the medically vulnerable residents who reside in these long term care facilities. This new CNA training program will also allow the training agencies that teach the nursing assistant program to be able to choose and utilize various instructional training materials that will be easier to access and purchase. The publisher/distributer of the current manual had closed for a period of time making the purchase of the current manuals more difficult for training agencies.

Finally, the department has updated and expedited the testing process for CNAs by allowing a third party test administrator to quickly test the CNAs. The current process requires department staff and certifying agencies to review the required CNA forms for accuracy and completeness which takes up to six (6) to eight (8) weeks or longer for a CNA to be eligible to be placed on the CNA registry. Getting CNAs placed on the CNA registry faster allows long term care facilities to be able to more quickly hire these CNAs and allow

the CNAs to work without nursing supervision.

As a result, the department finds a compelling governmental interest, which requires this emergency action. A proposed amendment, which covers the same material, is published in this issue of the Missouri Register. The scope of this emergency amendment is limited to the circumstances creating the emergency and complies with the protections extended in the Missouri and United State Constitutions. The department believes this emergency amendment is fair to all interested persons and parties under the circumstances. This emergency amendment was filed June 14, 2021, becomes effective June 28, 2021, and expires December 24, 2021.

(4) Basic Course Requirements.

The program shall consist of a basic course [*consisting*] that includes, at a minimum, the following:

(A) [*of a minimum of*] [s]Seventy five (75) [classroom] hours of instructional training in the curricula identified in section (5) of this rule [*on basic nursing skills, fire safety and disaster training, resident safety and rights, social and psychological problems of residents, and the methods of handling and caring for mentally confused residents such as those with Alzheimer's disease and related disorder*];

(B) [*or*]One hundred (100) hours of supervised on the job training (clinical practice) in an approved laboratory or other setting in which the student demonstrates knowledge while performing tasks on an individual under the supervision of a licensed practical nurse or registered nurse; and

(C) [*a*] A final examination [*; and, following the basic course, continuing in-service training as provided for in 13 CSR 15-14.042(19) through (24)*].

(5) Curricula Content.

(A) Until August 31, 2021, a training agency identified in paragraphs (7)(A)1. and 2., of this rule, shall teach the basic course and utilize either the content outlined in paragraphs (5)(A)1. 7. or (5)(C)1. and 2. This basic course includes the following:

1. Curriculum content of the program shall include procedures and instructions on basic nursing skills in the following areas: basic hygiene techniques; bedmaking; personal care of residents; food service; charting; safety measures (including fire/safety and disaster preparedness, and infection control); basic preventative and restorative care and procedures; basic observation procedures, such as weighing and measuring; communication skills; methods of handling and caring for mentally confused residents; residents' rights; ethical and legal responsibilities; death and dying; and mental health and social needs.

[(A)]2. The course curriculum as outlined in the manual entitled The Nurse Assistant in a Long Term Care Facility, produced by the Instructional Materials Laboratory, University of Missouri Columbia, 1987, catalogue number 50 5061 S shall be considered an approved course curriculum. Other manuals and course material may be used to supplement the curriculum. Instructors shall use the companion instructor's guide, catalogue number 50 5061 I.

[(B)]3. An orientation module consisting of certain topics identified as such in the approved course curriculum shall be the first material covered in the course unless the course is taught in its entirety before nursing assistants have resident contact. All students must complete the nurse assistant orientation module prior to providing direct care to any resident. For those students already employed by an intermediate care or skilled nursing facility, the orientation module shall be taught at the beginning of the course and before the nursing assistant is allowed to provide direct care to residents independently.

[1.]4. The orientation module shall include, as a minimum, the following topics: handwashing, gloving and infection control; emergency procedures and Heimlich Maneuver; residents' rights; abuse and neglect reporting; safety (fire and accident); lifting; moving and ambulation; answering signal lights; bedpan, urinal, commode and

toilet; preparing residents for and serving meals; feeding the help less; bathing; dressing and grooming; mouth care; bedmaking (occupied and unoccupied); promoting residents' independence; communication and interpersonal skills.

I/C/5. Students shall complete the orientation module taught by a qualified instructor even though they may be employed in a facility that uses the approved course material for orientation as required by 13 CSR 15 14.042 (20). The instructor, in that instance, may adjust the time required to cover the material or may integrate the material into the basic course content.

I/C/6. The suggested time schedule included for each curriculum topic in the approved course cited in subsection (5)(A) may be adjusted by the instructor to meet the particular learning abilities of the students providing that the orientation module shall be taught in at least sixteen (16) hours for Medicare or Medicaid certified facilities. Licensed only facilities shall provide at least twelve (12) hours of basic orientation approved by the division.

I/D/7. The on the job supervised component of one hundred (100) hours shall start after the student has enrolled and started the course curriculum and shall precede the final examination.

I/E/8(B) Continuing in service education shall be offered in the intermediate care or skilled nursing facility (ICF/SNF) to nursing assistants on a regular basis following their successful completion of the basic course as required in 13 CSR 15 14.042 (20) through (23).

(C) On the effective date of this emergency amendment, a training agency identified in paragraph (7)(A)3., of this rule, shall begin teaching the basic course content outlined in paragraphs (5)(C)1. and 2. If, prior to the effective date of this emergency amendment, a training agency identified in paragraph (7)(A)3. had begun teaching the basic course content outlined in paragraphs (5)(A)1. 7., then the training agency may continue to use that course content for the rest of the class as long as the class is completed within sixty (60) days. By August 31, 2021, a training agency identified in paragraphs (7)(A)1. and 2. of this rule, shall transition and begin teaching the basic course content outlined in paragraphs (5)(C)1. and 2. This basic course includes the following:

1. The curriculum content shall include the required seventy-five (75) hours of instructional training and covers all of the following areas:

- A. Communication and interpersonal skills.
- B. Infection control.
- C. Safety/emergency procedures, including the Heimlich maneuver.
- D. Promoting residents' independence.
- E. Respecting residents' rights.
- F. Basic nursing skills including, but not limited to
 - (I) Taking and recording vital signs;
 - (II) Measuring and recording height and weight;
 - (III) Caring for the residents' environment;
 - (IV) Recognizing abnormal changes in body functioning and the importance of reporting such changes to a supervisor; and
- (V) Caring for residents when death is imminent.

G. Personal care skills including, but not limited to

- (I) Bathing;
- (II) Grooming, including mouth care;
- (III) Dressing;
- (IV) Toileting;
- (V) Assisting with eating and hydration;
- (VI) Proper feeding techniques;
- (VII) Skin care; and
- (VIII) Transfers, positioning, and turning.

H. Mental health and social service needs including, but not limited to

- (I) Modifying nursing assistant's behavior in response to resident's behavior;
- (II) Awareness of developmental tasks associated with

the aging process;

(III) How to respond to resident behavior;

(IV) Allowing the residents to make personal choices, providing and reinforcing other behavior consistent with the resident's dignity; and

(V) Utilizing the resident's family as a source of emotional support.

I. Care of cognitively impaired residents including, but not limited to

(I) Techniques for addressing the unique needs and behaviors of individuals with dementia (Alzheimer's and others);

(II) Communicating with cognitively impaired residents;

(III) Understanding the behavior of cognitively impaired residents;

(IV) Appropriate responses to the behavior of cognitively impaired residents; and

(V) Methods of reducing the effects of cognitive impairments.

J. Basic restorative services including, but not limited to

(I) Training the resident in self-care according to the resident's abilities;

(II) The use of assistive devices in transferring, ambulation, eating, and dressing;

(III) Maintenance of range of motion;

(IV) Proper turning and positioning in bed and chair;

(V) Bowel and bladder training; and

(VI) Care and use of prosthetic and orthotic devices.

K. Residents' rights including, but not limited to

(I) Providing privacy and maintenance of confidentiality;

(II) Promoting the residents' right to make personal choices to accommodate their needs;

(III) Giving assistance in resolving grievances and disputes;

(IV) Providing needed assistance in getting to and participating in resident and family groups and other activities;

(V) Maintaining care and security of residents' personal possessions;

(VI) Promoting the residents' right to be free from abuse, mistreatment, and neglect and the need to report any instances of such treatment to appropriate facility staff; and

(VII) Avoiding the need for restraints in accordance with current professional standards.

2. The basic course shall be taught using current published instruction material(s) that are no more than ten (10) years old. The material(s) shall include current standards of practice for nursing assistants. Other course materials that contain current standards of practice in healthcare and are no more than ten (10) years old may be used to supplement the curriculum.

(6) Student Enrollment and Qualifications.

(B) All full or part time employees of an ICF/SNF who are involved with direct resident care, and hired in that capacity after January 1, 1980, shall have completed the approved Nurse Assistant Training Program or shall enroll in and begin study in the approved training program within ninety (90) days of employment, except that the following persons shall be permitted to challenge the final examination:

1. Persons who were enrolled in a professional (RN) or practical (LPN) nursing education program for at least four (4) months or who are enrolled in this program and who have successfully completed the Fundamentals of Nursing Course, including clinical hours within the last five (5) years, may challenge the final examination of the course, as this training is deemed equivalent to the required classroom hours and on the job training;

2. Professional nursing or practical nursing licensure candidates who have failed state licensure examinations may challenge the final

examination, as their training is deemed equivalent to the required classroom hours and on the job training;

(3. Persons from other states who are approved to work as a nurse assistance in the other states may challenge the final examination, as their training is deemed equivalent to the required classroom hours and on-the-job training;)

(4)3. Students who have completed a nursing program outside the United States and who are awaiting the licensure examination in this country shall be required to apply to the division to take the challenge examination. In addition to a completed application, the student must also include: a copy of the out of country license or certificate; a copy of the school transcript translated to English; a copy of the out of country criminal background check translated to English. Students shall be required to complete the orientation module of the course as given in subsection (5)(B) of this rule and then may challenge the final examination, as their training is deemed equivalent to the other required classroom hours and on the job training;

(5)4. Persons trained in acute care sections of hospitals as nursing assistants or persons trained as psychiatric aides shall complete the orientation module with special emphasis on the geriatric residents' needs, residents' rights and orientation to the facility and shall complete the one hundred (100) hours of on the job training in an LTC facility or LTC unit of a hospital and then they may challenge the final examination, as their training is deemed equivalent to the other required classroom hours and on the job training;

(6)5. Persons trained in an LTC unit of a hospital and who have been employed in the LTC unit of the hospital for at least twelve (12) months and who submit a letter of recommendation from the administrator or director of nursing documenting their training may challenge the final examination after completing the units on residents' rights and care of the confused resident. Such training shall be deemed equivalent to the other required classroom hours and on the job training; and

(7)6. Any other persons whose background, education and training in gerontology and health occupations includes the components of the approved training curriculum may be allowed to challenge the final examination after taking those portions of the course as determined to be necessary based on evaluation of their credentials by the supervisor of health education of the Division of Aging.

7. Individuals who are certified and active on another state's nurse aide registry shall not be required to challenge the final examination. The individual shall submit, in writing to the department, a request to be added to the Missouri Certified Nurse Assistant Registry. At a minimum, the request shall include: the individual's legal name; Social Security number; current address; telephone number; email address, if applicable; and proof of their current certified nursing assistant certificate. The department will respond in writing, either approving or denying the request to be added to the registry.

(C) Those persons designated in paragraphs (6)(B)1. *(7)6.*, who want to challenge the final examination shall submit a request in writing to the division enclosing any applicable documentation. The division will respond, in writing, either approving or denying the request to challenge the final examination and, if approved, the letter from the division may be presented to an approved training agency to challenge the examination or complete the course or portions of the course as required and then challenge the examination.

(K) A student who received instructional training from the basic course content outlined in paragraphs (5)(C)1. and 2. of this rule, shall register with the department approved third party test administrator upon successful completion of the seventy-five (75) hours of instructional training and one hundred (100) hours of supervised on-the-job training.

(7) Training Agencies.

(G) In the event that a qualified instructor for the basic course did not sign records of a student who successfully completed the

program, without justification or due to resignation from his or her position, the administrator or designee of the training agency shall validate the training by signature.

(H) Evidence of successful completion of the basic course shall be documented prior to a student taking the final examination and shall include:

1. Class schedules and form MO 580-2473 (12-07) Certified Nurse Assistant Competency Score Sheet (For Use Only With The 2001 Manual) Appendix A/B, included herein for training agencies using the basic course content outlined in paragraphs (5)(A)1. 7. of this rule; or

2. Class schedules and form DHSS-DRL-111 (08-20), Classroom and On-the-Job Training Record, included herein for training agencies using the basic course content outlined in paragraphs (5)(C)1. and 2. of this rule.

(I) The training agency shall ensure that all applicable portions of appropriate forms identified in paragraphs (7)(H)1. and 2. of this rule, is complete and shall provide a copy to the student within seven (7) calendar days of successful completion of the seventy-five (75) hours of instructional training and one hundred (100) hours of supervised on-the-job training.

(9) Qualifications of Instructors, Clinical Supervisors and Examiners.

(A) Instructor.

1. An instructor shall be a registered professional nurse currently licensed in Missouri or shall have a temporary permit from the Missouri State Board of Nursing. The licensee shall not be subject of current disciplinary action, such as censure, probation, suspension or revocation.

2. An instructor shall have had, at a minimum, two (2) years of nursing experience and at least one (1) year of experience in the provision of LTC facility services in the last five (5) years. Other personnel from the health professions may assist the instructor; however, they must have at least one (1) year of experience in their field.

3. An applicant to be an instructor, shall submit credentials (resume) and a copy of his/her current license renewal card or temporary permit to the Division of Aging. A letter shall be provided by the division to the applicant indicating the status of the applicant's qualifications and, if not qualified, the reasons and what additional requirements are needed.

4. An applicant to be an instructor shall attend a seminar approved by the Division of Aging to learn the methodology of teaching the course but only after his/her credentials have been reviewed and approved by the Division of Aging. The Division of Aging shall issue a final letter of approval to be a qualified instructor after the person has satisfactorily completed the seminar. The seminar shall be conducted either by an LTC association or the Missouri Department of Elementary and Secondary Education using qualified teacher educators approved by the Missouri Department of Elementary and Secondary Education and the Division of Aging.

5. Any registered nurse approved by the division or the Department of Elementary and Secondary Education as an instructor or examiner prior to January 1, 1990, except those involved in nurse assistant curriculum development with the division or who are employed by a certifying agency, shall attend a training seminar on teaching the nurse assistant course conducted by a LTC association or the Department of Elementary and Secondary Education by July 1, 1993 in order to maintain status as an approved instructor. Instructors approved prior to January 1, 1990 who are exempt from attending the training seminar shall write the Division of Aging submitting documentation of classes and students taught. The division will issue those instructors letters of approval so they will not have to attend the new training seminar. After July 1, 1993 all credentials issued prior to January 1, 1990 shall be void. Nurses who attend the approved seminar shall be issued new certificates and the division shall maintain a list of all approved instructors, including those issued letters of approval.

6. The instructor teaching the seventy-five (75) hours of instructional training and/or sixteen (16) of the one hundred (100) hours of supervised on-the-job training for the basic course content outlined in paragraphs (5)(C)1. and 2. of this rule, shall complete and sign all applicable portions of form DHSS-DRL-111 (08-20), Classroom and On-the-Job Training Record for each student participating in the program.

7. An instructor teaching the basic course content outlined in paragraphs (5)(C)1. and 2. of this rule, shall provide a copy of the student's completed form DHSS-DRL-111 (08-20), Classroom and On-the-Job Training Record to the student within seven (7) calendar days of successful completion of the seventy-five (75) hours of instructional training and one hundred (100) hours of supervised on-the-job training.

8. If the course is not completed, records and documentation regarding the completed portions shall be provided by the instructor to the student, if requested, and to the training agency.

(B) Clinical Supervisor (On the Job Supervisor). The clinical supervisor shall be a currently licensed registered professional nurse or licensed practical nurse, whose license is not currently subject to disciplinary action such as censure, probation, suspension or revocation. The clinical supervisor shall be licensed in Missouri or shall have a temporary permit from the Missouri State Board of Nursing. The clinical supervisor shall be currently employed by the facility where the students are performing their duties or by the agency conducting the course and shall have attended a seminar approved by the Division of Aging to learn methodology of supervising the on the job training. Upon successful completion of the training seminar, the clinical supervisor shall be issued a certificate and the division shall maintain a list of approved clinical supervisors. The clinical supervisor shall be on the facility premises in which the students are performing their duties while the students are completing the on the job component of their training and shall directly assist the students in their training and observe their skills when checking their competencies. The clinical supervisor shall have at least one (1) year of experience in LTC if not currently employed by an LTC facility.

1. The clinical supervisor(s) shall complete and sign all applicable portions of form DHSS-DRL-111 (08-20), Classroom and On-the-Job Training Record for each student who participated in the basic course using the basic course content outlined in paragraphs (5)(C)1. and 2. of this rule.

(D) Causes for Disqualification. A person shall not be allowed to be an instructor, clinical supervisor or examiner if it is found that he or she

1. Knowingly acted or omitted any duty in a manner which would materially or adversely affect the health, safety, welfare or property of a resident;

2. Defrauded a training agency or student by taking payment and not completing a course, not administering the final examination as required, or not being on site while students are being trained;

3. Failed to teach, examine or clinically supervise in accordance with 13 CSR 15 13.010, or taught students from the state test, changed answers on the state test, lost test booklets, or recorded false information on test materials or test booklets of the program; or

4. Failed to send documentation of a completed course to a certifying agency within thirty (30) days.

5. Is disqualified as a RN Test Observer by the department approved third party test administrator.

(10) Testing.

(D) If the basic course content outlined in paragraphs (5)(C)1. and 2. of this rule, is used to teach the course, testing shall comply with the following:

1. A student shall pass a minimum of three (3) written or oral tests throughout the course with an eighty percent (80%) score or better on each test in order to be eligible to take the final examination. Each test shall consist of a minimum of fifteen (15) questions;

2. The final examination shall be conducted by the department approved third party test administrator and a fee will be assessed for each examination;

3. The instructor shall verify the eligibility of the students by reviewing form DHSS-DRL-111 (08-20), Classroom and On-the-Job Training Record to establish that the student has completed the approved program;

4. The student shall successfully complete an examination proctored by the department approved third party test administrator. The student shall achieve a passing score of at least eighty percent (80%); and

5. The student shall successfully complete the skills evaluation portion of the examination proctored by the department approved third party test administrator. The student shall achieve a score of one hundred percent (100%).

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
CERTIFIED NURSE ASSISTANT COMPETENCY SCORE SHEET (FOR USE ONLY WITH 2001 MANUAL)

STUDENT NAME (PLEASE PRINT) (LAST)	(FIRST)	(MIDDLE)	(MAIDEN)	SOCIAL SECURITY NO.	HOME PHONE NO.
PERMANENT ADDRESS (STREET)	(CITY)	(STATE)	(ZIP)	DATE OF BIRTH	WORK PHONE NO.
SITE NAME - 75 HRS CLASSROOM					
SITE NAME - 84 HRS/100 HRS*	84 <input type="checkbox"/>	100 <input type="checkbox"/>	SITE NO.	BEGIN DATE	COMPLETE DATE - 84 HRS/100 HRS
SITE NAME - 16 HRS COMPETENCIES					
SITE NAME - WRITTEN/ORAL FINAL EXAM					
SITE NAME - WRITTEN/ORAL FINAL EXAM	SITE NO.	BEGIN DATE	1ST ATTEMPT	BOOKLET NO.	EXAM DATE
SITE NAME - WRITTEN/ORAL FINAL EXAM	SITE NO.	BEGIN DATE	2ND ATTEMPT	BOOKLET NO.	EXAM DATE
SITE NAME - WRITTEN/ORAL FINAL EXAM	SITE NO.	BEGIN DATE	3RD ATTEMPT	BOOKLET NO.	EXAM DATE
SITE NAME - PRACTICUM EXAM	SITE NO.	BEGIN DATE	1ST ATTEMPT	BOOKLET NO.	EXAM DATE
SITE NAME - PRACTICUM EXAM	SITE NO.	BEGIN DATE	2ND ATTEMPT	BOOKLET NO.	EXAM DATE
SITE NAME - PRACTICUM EXAM	SITE NO.	BEGIN DATE	3RD ATTEMPT	BOOKLET NO.	EXAM DATE
CLASS TEST SCORES					
1.	2.	3.	EACH SCORE MUST BE AT LEAST 80% (MUST BE COMPLETED BY INSTRUCTOR PRIOR TO EXAM)		
<input type="checkbox"/> APPROVED FOR CERTIFICATION <input type="checkbox"/> NOT APPROVED FOR CERTIFICATION <small>Evaluation of procedures includes: knowledge, safety, encouraged self-help, work habits, student-resident interaction, organization, resident's rights. Other procedures may be determined by resident's needs. All procedures must be evaluated.</small>					
PRACTICUM EXAM PROCEDURES		PASS/FAIL	PRACTICUM EXAM PROCEDURES	PASS/FAIL	PRACTICUM EXAM PROCEDURES
1. BATH			2. VITAL SIGNS		3. TRANSFER TECHNIQUES
4. FEEDING TECHNIQUES			5. DRESSING AND GROOMING		6. SKIN CARE
7. HANDWASHING			8. GLOVING		9. ACTIVE OR PASSIVE FOM TO ↑ AND ↓ EXTERMITIES
<input type="checkbox"/> Examiner advised individual that successful completion of the evaluation will result in the addition of his/her name to the state nursing assistant register. If you have been determined to have committed abuse, neglect or misappropriation of goods in a certified facility, a permanent federal marker will be placed against your name on the CNA register. You will NEVER AGAIN be allowed to work in a certified facility. STUDENT MUST INITIAL					
1ST INSTRUCTOR SIGNATURE		LICENSE NO.	PRINTED LAST NAME		
2ND INSTRUCTOR SIGNATURE		LICENSE NO.	PRINTED LAST NAME		
ADMINISTRATOR/DON SIGNATURE - 75 HOURS		LICENSE NO.	PRINTED LAST NAME		
CHARGE NURSE SIGNATURE - FACILITY VERIFICATION 84 HRS OUT COMPLETED		LICENSE NO.	PRINTED LAST NAME		
CHARGE NURSE SIGNATURE - FACILITY VERIFICATION 16 HRS COMPETENCY EVALUATION		LICENSE NO.	PRINTED LAST NAME		
CLINICAL SUPERVISOR - 84 HRS OUT		LICENSE NO.	CLINICAL SUPERVISOR - 84 HRS OUT		
CLINICAL SUPERVISOR - 16 HRS OUT		LICENSE NO.	CLINICAL SUPERVISOR - 16 HRS OUT		
1ST EXAMINER SIGNATURE		LICENSE NO.	2ND EXAMINER SIGNATURE		
MO 580-2473 (12-07)					

APPENDIX B

STUDENT NAME - PLEASE PRINT (LAST)	(FIRST)	(MIDDLE)	(MAIDEN)	SOCIAL SECURITY NO.
COMPETENCY				
1. Take oral temperature			33. Assist resident to undress	
2. Take rectal temperature			34. Apply and remove elastic stockings	
3. Take axillary temperature			35. Give complete bed bath	
4. Count radial pulse			36. Give tub bath	
5. Count apical pulse			37. Give shower bath	
6. Count respirations			38. Make an unoccupied bed	
7. Measure blood pressure			39. Make an occupied bed	
8. Wash hands			40. Give back rub	
9. Put on and remove daily care non-sterile gloves			41. Give stage 1 pressure ulcer care	
10. Put on and remove mask			42. Give peri care with catheter	
11. Put on and remove non-sterile gown			43. Change a drainage bag	
12. Feed helpless resident			44. Empty a urinary drainage bag	
13. Serve a food tray			45. Assist resident in using urinal	
14. Clear airway obstruction in conscious resident			46. Assist resident in using bedpan	
15. Clear airway obstruction in unconscious resident			47. Give care of an uncomplicated established colostomy	
16. Thicken liquids			48. Move resident to head or bed (two-person assist)	
17. Distribute drinking water			49. Turn resident to one side (% turn)	
18. Measure fluid intake			50. Demonstrate one-person pivot transfer from bed to chair	
19. Measure fluid output			51. Demonstrate one-person pivot transfer from chair to bed	
20. Shave with disposable razor			52. Demonstrate two-person pivot transfer from chair to bed (resident able to assist)	
21. Shave with electric razor			53. Demonstrate two-person transfer with a mechanical lift to chair	
22. Assist with oral hygiene			54. Ambulate resident using a gait belt	
23. Administer oral hygiene to resident who is helpless/unconscious			55. Ambulate resident using a walker	
24. Provide denture care			56. Ambulate resident using a cane	
25. Give fingernail care			57. Give range of motion exercises to neck and shoulders	
26. Give toenail care			58. Give range of motion exercises to elbow	
27. Comb/brush hair			59. Give range of motion exercises to wrist and fingers	
28. Give shampoo during tub bath/shower bath			60. Give range of motion exercises to hip and knee	
29. Give bed shampoo			61. Give range of motion exercises to ankle and toes	
30. Give perineal care to male resident			62. Measure weight of resident	
31. Give perineal care to female resident			63. Measure height of resident	
32. Assist resident to dress			64. Give post-mortem care	
PERSONAL COMPETENCY EVALUATION (PASSING SCORE REQUIRED ON ALL ITEMS PRIOR TO BEING ALLOWED TO TAKE FINAL EXAM)				
RATER NAME	RATER NAME	LICENSE NO.	RATER NAME	LICENSE NO.
		COMP.		COMP.
65. Wears clean uniform, wears name tag and is free of body odor			72. Utilizes plan of care to meet resident's needs	
66. Observes resident rights			73. Maintains a safe environment for resident/self	
67. Reports to work on time			74. Uses appropriate body mechanics	
68. Uses facility's procedure for absenteeism			75. Reports & records pertinent information to appropriate personnel	
69. Completes assignments			76. Shows enthusiasm for learning	
70. Communicates well with others, is courteous			77. Applies critical thinking during class and clinical work.	
71. Incorporates acceptable techniques when caring for the confused resident, the mentally ill resident or the resident with unconventional behaviors,			78. Shows care and empathy while providing care.	
COMMENTS				



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
DIVISION OF REGULATION AND LICENSURE
SECTION FOR LONG-TERM CARE REGULATION
CLASSROOM AND ON-THE-JOB TRAINING RECORD

(1) STUDENT NAME (LAST, FIRST, MIDDLE)		(2) FORMER NAMES USED		
(3) SOCIAL SECURITY NO.		(4) STUDENT E-MAIL		
(5) STUDENT PERMANENT ADDRESS (STREET, CITY, STATE, ZIP)		(6) DATE OF BIRTH		(7) STUDENT PHONE NO.
(8) APPROVED STUDENT NAME - 75 HRS INSTRUCTIONAL TRAINING		(8A) STUDENT NO.	(8B) BEGIN DATE	(8C) COMPLETION DATE
(9) APPROVED STUDENT NAME - 16 HRS OR 100 HRS ON-THE-JOB-TRAINING (OJT)		(9A) STUDENT NO.	(9B) BEGIN DATE	(9C) COMPLETION DATE
(10) APPROVED STUDENT NAME - 84 HRS OJT		(10A) STUDENT NO.	(10B) BEGIN DATE	(10C) COMPLETION DATE 84 OJT HOURS
(11) CLASS TEST SCORES 1. 2. 3. Each test score must be at least 80% (must be completed prior to final exam)				<input type="checkbox"/> (11A) APPROVED FOR FINAL EXAM <input type="checkbox"/> (11B) NOT APPROVED FOR FINAL EXAM
(12) 1ST INSTRUCTOR'S SIGNATURE - INSTRUCTIONAL HRS		(12A) LICENSE NO.	(12B) LAST NAME	
(13) 2ND INSTRUCTOR'S SIGNATURE - INSTRUCTIONAL HRS		(13A) LICENSE NO.	(13B) LAST NAME	
(14) ADMINISTRATOR/RECTOR OF NURSING (DON)/CEO'S SIGNATURE		(14A) LICENSE NO.	(14B) LAST NAME	
(15) CHARGE NURSE'S SIGNATURE - FACILITY VERIFICATION ON 84 HRS OJT COMPLETED		(15A) LICENSE NO.	(15B) LAST NAME	
(16) CHARGE NURSE'S SIGNATURE - FACILITY VERIFICATION ON 16 HRS OR 100 HRS OJT COMPLETED		(16A) LICENSE NO.	(16B) LAST NAME	
(17) 1ST INSTRUCTOR'S SIGNATURE - 16 HRS OJT	(17A) LICENSE NO.	(17B) LAST NAME	(18) 2ND INSTRUCTOR'S SIGNATURE - 16 HRS OJT	(18A) LICENSE NO. (18B) LAST NAME
(19) CLINICAL SUPERVISOR'S SIGNATURE - 84 HRS OJT	(19A) LICENSE NO.	(19B) LAST NAME	(20) CLINICAL SUPERVISOR'S SIGNATURE - 84 HRS OJT	(20A) LICENSE NO. (20B) LAST NAME

STUDENT NAME - (LAST FIRST MIDDLE)		SOCIAL SECURITY NO
PG 2 – INSTRUCTIONS: 1st Column: List date of 75 hours instruction training. 2nd Column: Classroom instructor initials. 3rd Column: Date the OJT evaluation was completed in state approved training agency. 4th Column: Supervisor may be done only if care issue is not available in state approved training agency. 5th Column: CNA Supervisor must not be the student's competent therapist and the competency evaluation was completed on a one to one ratio in a state approved training agency. NOTE: An instructor must provide at least 16 hours of the 100 hours OJT.		
SKILLS	DATE OF CLASSROOM INSTRUCTION	DATE OJT ACHIEVED
1 Take oral temperature		35 Give complete bed bath
2 Take axillary temperature		36 Give tub bath
3 Count radial pulse		37 Give shower bath
4 Count apical pulse		38 Make an unoccupied bed
5 Count respirations		39 Make an occupied bed
6 Measure blood pressure		40 Give back rub
7 Wash hands		41 Give stage 1 pressure ulcer care & discuss prevention
8 Put on/remove daily care non-sterile gloves		42 Discuss pressure relieving devices
9 Put on/remove mask		43 Reposition for pressure relief in bed
10 Put on/remove non-sterile gown		44 Reposition for pressure relief in chair
11 Feed a resident that requires total assistance		45 Suspend resident's heels
12 Serve a food tray		46 Give perineal care with catheter
13 Clear airway obstruction in conscious resident		47 Change a drainage bag
14 Clear airway obstruction in unconscious resident		48 Empty a urinary drainage bag
15 Thicken liquids		49 Assist resident in using urinal
16 Distribute drinking water		50 Assist resident in using bedpan
17 Measure fluid intake		51 Care of an uncomplicated established colostomy
18 Measure fluid output		52 Turn resident to one side (% turn)
19 Shave with disposable razor		53 Move resident to head of bed (two-person assist)
20 Shave with electric razor		54 Demonstrate one-person pivot transfer from bed to chair
21 Assist with oral hygiene		55 Demonstrate one-person pivot transfer from chair to bed
22 Administer oral hygiene to resident that requires denture care		56 Demonstrate two-person pivot transfer from chair to bed (resident can assist)
23 Fingernail care		57 Demonstrate two-person transfer with a mechanical lift to chair
24 Toenail care		58 Ambulate resident using a gait belt
25 Comb/brush hair		59 Ambulate resident using a walker
26 Shampoo tub bath/shower bath		60 Ambulate resident using a cane
27 Bed shampoo		61 Range of Motion (ROM) exercises neck and shoulders
28 Perineal care to male resident		62 ROM exercises elbow
29 Perineal care to female resident		63 ROM exercises wrists/fingers
30 Assist resident to dress		64 ROM exercises hip/knee
31 Changing a brief		65 ROM exercises ankles/fees
32 Assist resident to undress		66 Measure weight of resident
33 Apply and remove therapeutic stockings		67 Measure height of resident
34 Give post-mortem care		68 Give post-mortem care

GUIDE TO CLASSROOM AND ON-THE-JOB TRAINING RECORD**Guide for page 1**

8. Name of approved training agency site where 75 hours of training was conducted.
- 8A. Site number of training agency where instructor training was conducted.
- 8B. Beginning date of instructor training (this date must pre-date any on the job training).
- 8C. Date instructor training was completed.
- 8D. Number of training hours completed.
9. Name of approved long-term care (LTC) facility where student competed 16 or 100 hours of OJT.
- Note:** If a 100 hours of OJT were completed in an approved LTC facility, boxes 10 through 10C may be left blank.
- 9A. Site number of approved LTC facility where student completed 16 or 100 hours of OJT.
- 9B. Date student began 16 or 100 hours of OJT in an approved LTC facility.
- 9C. Date student completed 16 or 100 hours of OJT in an approved LTC facility.
- 9D. Number of hours of the 16 or 100 hours of OJT the student completed.
10. Name of the approved LTC facility where student completed 84 hours of OJT.
- Note:** An approved LTC facility that has been denied the ability to provide 100 hours of OJT due to enforcement issues may be able to provide only 84 hours of OJT. The other 16 hours of OJT must be completed in an approved facility.
- 10A. Site number of approved LTC facility where 84 hours of OJT was completed.
- 10B. Date 84 hours of OJT began.
- 10C. Date student completed 84 hours of OJT.
11. During the course of 175 hours of training, the student must take and pass at least three sample tests with a score of at least 80% prior to sitting for the final exam. Those test scores shall be documented by the instructor at (11) 1., (11) 2., and (11) 3.
- 11A. Instructor checks application box if student has successfully met all required criteria to sit for final exam or failed to successfully complete a required test for final exam.
12. The signature of the first classroom instructor shall ensure that all training requirements are met according to 19 CSR 30-84.010 and that a portion of form DHSS-DRL-2473 is completed. Signing indicates a training, with the exception of the final exam has been completed.
- 12A. First instructor's nurse license number.
- 12B. First instructor's last name.
13. If applicable, signature of the second instructor who assisted with the instruction, indicating he/she provided instruction training to the student.
- 13A. If applicable, second instructor's nurse license number.
- 13B. If applicable, second instructor's last name.
14. Signature of the administrator, DON, or CEO of the approved LTC facility where 16 hours of OJT occurred. This signature is to acknowledge the CNA training occurred in the facility named in box #9.
- 14A. Administrator, DON, or CEO's license number.
- 14B. Administrator, DON, or CEO's last name.
15. Signature of charge nurse verifying the student was present in the LTC facility for 16 or 100 hours of OJT.
- 15A. Charge nurse's nurse license number.
- 15B. Charge nurse's last name.
16. Charge nurse's signature verifying that the student was present in the facility for 84 hours of OJT (may be left blank if charge nurse signed for a 100 hours at #15.).
- 16A. Charge nurse's nurse license number.
- 16B. Charge nurse's last name.
17. Signature of first instructor who provided at least 16 hours of 100 hours of OJT in an approved LTC facility. (These 16 hours of training may be shared between one or more instructors.)
- 17A. Instructor's nurse license number.
- 17B. Instructor's last name.
18. If applicable, signature of second instructor who provided any portion of the 16 hours of 100 hours of OJT for the student in an approved LTC facility.
- 18A. If applicable, the second instructor's nurse license number.
- 18B. If applicable, the second instructor's last name.
19. Signature of classroom supervisor who supervised 84 hours of the OJT.
- 19A. Classroom supervisor's nurse license number.
- 19B. Classroom supervisor's last name.
20. If applicable, the signature of the second classroom supervisor who supervised any portion of 84 hours of OJT.
- 20A. If applicable, the second classroom supervisor's nurse license number.
- 20B. If applicable, the second classroom supervisor's last name.

Guide for Page 2

- A boxes on page 2 must be completed prior to the final exam with the exception of the comments box, which may be filled out as appropriate to the student.
- A classroom supervisors and instructors who provided training and/or supervision must sign this form. If extra space is needed, signatures may be included in the comment section at the bottom of page 2.

AUTHORITY: sections 198.009 and 198.079, RSMo 2016, and section 198.082, RSMo [1994] Supp. 2020. This rule originally filed as 13 CSR 15 13.010. Original rule filed Aug. 13, 1982, effective Jan. 13, 1983. For intervening history, please consult the Code of State Regulations. Emergency amendment filed June 14, 2021, effective June 28, 2021, expires Dec. 24, 2021. A proposed amendment covering this same material is published in this issue of the Missouri Register.

PUBLIC COST: This emergency amendment will cost state agencies or political subdivisions thirty four thousand three hundred six dollars (\$34,306) in the time the emergency is effective.

PRIVATE COST: This emergency amendment will cost private entities three hundred seventy seven thousand two hundred ninety four dollars (\$377,294) in the time the emergency is effective.

**FISCAL NOTE
PUBLIC COST**

- I.** **Department Title:** **Department of Health and Senior Services**
Division Title: **Division of Regulation and Licensure**
Chapter Title: **Training Program for Nursing Assistants**

Rule Number and Name:	19 CSR 30-84.010 Nursing Assistant Training Program
Type of Rulemaking:	Emergency Amendment

II. SUMMARY OF FISCAL IMPACT

Affected Agency or Political Subdivision	Estimated Cost of Compliance in the Aggregate
(14) Skilled Nursing Facilities (SNFs)	\$24,014
(6) Hospitals	\$10,292
TOTAL COSTS =	\$34,306

III. WORKSHEET

Costs of Student Training Materials/Materials on public entities

SNFs: (1 student manual @ \$51.68) x (10 students per class) x (14 long term care facilities) x 3 classes = \$21,705.60

Hospitals: (1 student manual @\$51.68) x (10 students per class) x (6 public owned hospitals) x 3 classes = \$9,302.40

Total for costs of student manual/instructional materials for public entities: \$21,705.60 + \$9,302.40 = \$31,008.00

Costs of Instructor Training Materials/Manuals on public entities

SNFs: (1 instructor manual @ \$54.95) x (3 instructors per facility) x (14 facilities) = \$2,307.90

Hospitals: (1 instructor manual @ \$54.95) x (3 instructors per facility) x (6 hospitals) = \$989.10

Total for costs of instructor materials/manuals for public entities: \$2,307.90 + \$989.10 = \$3,297.00

TOTAL COSTS: \$31,008.00 (total for student manual/instructional materials) + \$3,297.00 (total for instructor materials/manuals) = \$34,305.00

IV. ASSUMPTIONS

Costs of Student and Instructor Manual/Instructional Materials on public entities

All approved training agencies are required to provide each student and instructor his or her own instruction training material(s) that encompasses the required curricula content found in 19 CSR 30-84.010. A training agency conducting the nursing assistant basic course must purchase material(s) that is published, includes all the curricula content for the basic course listed in 19 CSR 30-84.010, and is no more than ten (10) years old. The proposed regulation contained in the emergency amendment will require a licensed hospital or department licensed intermediate care or skilled nursing facility to begin using newer training materials.

The public fiscal note is based on the assumption that all department approved nursing assistant training agencies will purchase the required training material(s) for each student and instructor.

There are two (2) types of approved publicly-owned training agencies that will be affected by the emergency amendment period: skilled nursing facilities and hospitals. Currently, there are fourteen (14) skilled nursing facilities and six (6) hospitals that are publicly-owned. Furthermore, it would only be these entities that would be affected during the emergency amendment period.

For the purposes of this emergency public fiscal note, the department only used the two (2) types of affected training agencies (skilled nursing facilities and hospitals) to calculate its determination. The formula for determining the costs an approved training agency would incur to purchase the required nursing assistant training materials for instructors and students would be at least one (1) textbook for each student and one (1) textbook for each instructor. The department estimated that each approved training agency would maintain an average number of instructors per class, conduct a certain number of training classes per year with an average number of students per class. During the emergency amendment period, only a licensed hospital or department licensed skilled nursing facility will be required to begin using new training materials.

The department reviewed three (3) entities that publish a nursing assistant training textbook for students and instructors to determine an average costs for a training manual/material. Based on the information, the department estimated the average cost for a student nursing assistant training manual/materials to be: \$51.68 and the average cost for an instructor's nursing assistant training manual/materials to be: \$54.95

The department received input from several training agencies on the number of instructor's employed/contracted, number of students per class, and the number of classes held per year. Based on the information provided the estimated number of instructors per class is 3; average students per class is 10; and the number of classes held per year is 3.

The formula for determining the cost to a training agency to purchase the nursing assistant training material for each student is as follows: (Average cost of one (1) student textbook) x (number of students per class) x (number of publicly-owned training agency) x (number of classes).

The formula for determining the cost to a training agency to purchase the nursing assistant training material for each instructor is as follows: (Average cost of one (1) instructor textbook) x (number of instructors per training agency) x (number of privately-owned training agency). NOTE: Because some instructor textbooks and online teaching instruction are free with the purchase of student texts, this will help keep instructor costs more affordable. Also, the department assumes that the training agency keeps the instructor materials, regardless of who instructs the course and instructor materials are only purchased once during the year.

Costs of CNA final examination for individuals

The department is not including costs for approved publicly-owned training agencies regarding the CNA final examination. Certified intermediate care facilities and skilled nursing facilities are reimbursed for costs to train nursing assistants through the Missouri Medicaid CNA reimbursement program, which includes the final examination. The department believes that approved publicly-owned training agencies can recoup costs through tuition fees. Hospitals and Veterans' homes are not required to pay for the CNA final examination; however, they may offer incentives or bonuses such as paying for a CNA final examination to retain them for employment. The fiscal impact would be a private cost for an individual who may have to pay for the CNA exam out of his/her own pocket.

**FISCAL NOTE
PRIVATE COST**

I. Department Title: **DEPARTMENT OF HEALTH AND SENIOR SERVICES**
Division Title: **Division of Regulation and Licensure**
Chapter Title: **Training Program for Nursing Assistants**

Rule Number and Title:	19 CSR 30-84.010 Nursing Assistant Training Program
Type of Rulemaking:	Emergency Amendment

II. SUMMARY OF FISCAL IMPACT

Estimate of the number of entities by class which would likely be affected by the adoption of the rule:	Classification by types of the business entities which would likely be affected:	Estimate in the aggregate as to the cost of compliance with the rule by the affected entities:
183	Intermediate Care Facilities (ICFs) and Skilled Nursing Facilities (SNFs)	\$313,891
10	Hospitals	\$17,153
370	Individuals not reimbursed for cost of the CNA final examination	\$46,250
	TOTAL COSTS:	\$377,294

III. WORKSHEET

Costs of Student Manual/Instructional Materials on private entities

ICF/SNFs: (1 student manual @\$51.68) x (10 students per class) x (183 facilities) x 3 classes = \$283,723.20

Hospitals: (1 student manual @\$51.68) x (10 students per class) x (10 hospitals) x 3 classes = \$15,504.00

Total for costs of student manual/instructional materials for private entities: \$299,227.20

Costs of Instructor Materials/Manuals on private entities

ICF/SNFs: (1 instructor manual @\$54.95) x (3 instructors per facility) x (183 facilities) = \$30,167.55

Hospitals: (1 instructor manual @\$54.95) x (3 instructors per hospital) x (10 hospitals) = \$1,648.50

Total for costs of student manual/instructional materials for private entities: \$31,816.05

Costs of CNA final examination for individuals taking the exam

Fee to administer a CNA final examination: \$125.00

The total number of CNA final exams administered was calculated by averaging the number of CNA final examinations sent out for 2019 and 2020: $7,490 + 7,312 = 14,802 / 2 = 7,401$

The department estimates that approximately five percent (5%) of individuals taking the CNA final examination would have to pay for the costs on their own.

The costs for the number of CNAs not receiving reimbursement for the final examination was calculated by the average number of active CNAs $(7,401) \times .05\% = 370 \times \text{cost of final examination} (\$125.00) = \$46,250.00$

Total costs for the number of CNAs who will not receive reimbursement for taking the final examination: \$46,250.00

IV. ASSUMPTIONS

Costs of Student and Instructor Manual/Instructional Materials on private entities

All approved training agencies are required to provide each student and instructor his or her own instruction training material(s) that encompasses the required curricula content found in 19 CSR 30-84.010. A training agency conducting the nursing assistant basic course must purchase material(s) that is published, includes all the curricula content for the basic course listed in 19 CSR 30-84.010, and is no more than ten (10) years old.

The private fiscal note is based on the assumption that all department approved nursing assistant training agencies will purchase the required training material(s) for each student and instructor.

There are two (2) types of approved privately-owned training agencies that will be affected by the emergency amendment period: intermediate care/skilled nursing facilities and hospitals. Currently, there are one hundred eighty-three (183) intermediate/skilled nursing facilities and ten (10) hospitals that are privately-owned. Furthermore, it would only be these entities that would be affected during the emergency amendment period.

For the purposes of this emergency public fiscal note, the department only used the two (2) types of affected training agencies (intermediate/skilled nursing facilities and hospitals) to calculate its determination. The formula for determining the costs an approved training agency would incur to purchase the required nursing assistant training materials for instructors and students would be at least one (1) textbook for each student and one (1) textbook for each instructor. The department estimated that each approved training agency would maintain an average number of instructors per class, conduct a certain number of training classes per year with an average number of students per class. During the emergency amendment period, only a licensed hospital or department licensed

intermediate care or skilled nursing facility will be required to begin using new training materials.

The department reviewed three (3) entities that publish a nursing assistant training textbook for students and instructors to determine an average costs for a training manual/material. Based on the information, the department estimated the average cost for a student nursing assistant training manual/materials to be: \$51.68 and the average cost for an instructor's nursing assistant training manual/materials to be: \$54.95

The department received input from several training agencies on the number of instructor's employed/contracted, number of students per class, and the number of classes held per year. Based on the information provided the estimated number of instructors per class is 3; average students per class is 10; and the number of classes held per year is 3.

The formula for determining the cost to the affected training agencies during the emergency amendment period to purchase the nursing assistant training material for each student is as follows: (Average cost of one (1) student textbook) x (number of students per class) x (number of privately-owned training agency) x (number of classes). NOTE: Because some instructor textbooks and online teaching instruction are free with the purchase of student texts, this will help keep instructor costs more affordable. Also, the department assumes that the training agency keeps the instructor materials, regardless of who instructs the course and instructor materials are only purchased once during the year.

Costs of CNA final examination

Regulation 19 CSR 30-84.010 requires an applicant/student who has taken the nursing assistant training program to successfully pass the final examination (written & skills) in order to become a certified nursing assistant (CNA) and be added to the active Missouri CNA Registry. The department is proposing a new requirement that allows a department approved third party test administrator to set a cost/fee to administer the CNA final examination. The applicant/student is required to register with the department approved third party test administrator to take the final examination.

Current regulation allows examiners to set their own fee to administer the final exam. The Section for Long-Term Regulation (SLCR), Health Education Unit (HEU) made contact with various examiners to obtain an average cost of what an examiner may charge an applicant/student to administer the final examination. The costs an examiner currently charges to administer the final examination has been wide ranging from \$30.00 to \$300.00 per final examination. The new proposed regulation requires a third party test administrator to administer the final examination. The third party test administrator will impose one set fee for the final examination.

The regulation does not require an approved privately-owned training agency to pay for the CNA final examination. The proposed regulation requires the applicant/student to register with the department approved third party test administrator in order to take the final examination and submit payment.

The department is not including costs to approved privately-owned training agencies regarding the CNA final examination. Certified intermediate care facilities and skilled

nursing facilities are reimbursed for costs to train nursing assistants through the Missouri Medicaid CNA reimbursement program, which includes the final examination. The department approved privately-owned training agencies such as vocational technical schools and comprehensive high schools, public community colleges, public colleges and universities, proprietary schools, private agencies, or associations can recoup costs through tuition costs. Hospitals and Veterans' homes are not required to pay for the CNA final examination; however, they may offer incentives or bonuses such as paying for a CNA final examination to retain them for employment. For the purposes of this fiscal note, the department is accounting only for the costs that an applicant/student in an average year would have to pay on their own for the CNA final examination.

The fee that will be imposed by the department approved third party test administrator to administer the CNA final examination is: \$125.00

The department is estimating that during the emergency amendment period the number of individuals that would have to pay out-of-pocket to take the CNA final examination will initially be low. It is estimated at least five percent (5%) of individuals taking the CNA final examination would have to pay for the costs of the test on their own. The department attributes the low percentage to the fact that the emergency amendment requires only two (2) types of training agencies that will be affected.

The formula used to determine the costs to the number of individuals not receiving reimbursement for the final examination was calculated by: (average number of active CNAs) x (.05%) x (cost of final examination).

Under this heading will appear the text of proposed rules and changes. The notice of proposed rulemaking is required to contain an explanation of any new rule or any change in an existing rule and the reasons therefor. This is set out in the Purpose section with each rule. Also required is a citation to the legal authority to make rules. This appears following the text of the rule, after the word "Authority."

Entirely new rules are printed without any special symbol under the heading of proposed rule. If an existing rule is to be amended or rescinded, it will have a heading of proposed amendment or proposed rescission. Rules which are proposed to be amended will have new matter printed in boldface type and matter to be deleted placed in brackets.

An important function of the *Missouri Register* is to solicit and encourage public participation in the rulemaking process. The law provides that for every proposed rule, amendment, or rescission there must be a notice that anyone may comment on the proposed action. This comment may take different forms.

If an agency is required by statute to hold a public hearing before making any new rules, then a Notice of Public Hearing will appear following the text of the rule. Hearing dates must be at least thirty (30) days after publication of the notice in the *Missouri Register*. If no hearing is planned or required, the agency must give a Notice to Submit Comments. This allows anyone to file statements in support of or in opposition to the proposed action with the agency within a specified time, no less than thirty (30) days after publication of the notice in the *Missouri Register*.

An agency may hold a public hearing on a rule even though not required by law to hold one. If an agency allows comments to be received following the hearing date, the close of comments date will be used as the beginning day in the ninety- (90-) day-count necessary for the filing of the order of rulemaking.

If an agency decides to hold a public hearing after planning not to, it must withdraw the earlier notice and file a new notice of proposed rulemaking and schedule a hearing for a date not less than thirty (30) days from the date of publication of the new notice.

Proposed Amendment Text Reminder:

Boldface text indicates new matter.

[Bracketed text indicates matter being deleted.]

Title 10—DEPARTMENT OF NATURAL RESOURCES Division 20—Clean Water Commission Chapter 7—Water Quality

PROPOSED AMENDMENT

10 CSR 20-7.031 Water Quality Standards. The department is amending sections (1) (5), (7), and (12), and tables A1, A2, G, H, I, J, K of this rule.

PURPOSE: The purpose of this amendment is to update the Missouri Water Quality Standards in accordance with federal regulations at 40 CFR 131.20.

(1) Definitions.

(A) Acute toxicity Conditions producing adverse effects or lethality on aquatic life following short term exposure. The acute criteria in Tables A1, A2, and B1 are maximum concentrations which protect against acutely toxic conditions. Acute toxicity is also indicated by exceedence of whole effluent toxicity (WET) test conditions of para

graph (4)(IIJ)2. For substances not listed in Tables A1, A2, and B1, three tenths (0.3) of the median lethal concentration, or the no observed acute effect concentration for representative species, may be used to determine absence of acute toxicity.

(C) Designated uses—Uses specified for each water body whether or not they are being attained. Uses are designated according to section (2) of this rule and include, but are not limited to—

1. Protection and propagation of fish, shellfish, and wildlife. Streams will be designated to one (1) of the following aquatic habitat protection uses based on watershed size, scale within the stream network, and other hydrological and physical data. Lakes and reservoirs will be designated to one (1) of the following aquatic habitat protection uses based on limnological characteristics (such as temperature) and biological assemblages.

A. Warm Water Habitat (WWH)—Waters in which naturally-occurring water quality and habitat conditions allow the maintenance of a wide variety of warm-water biota.

- (I) Great River
- (II) Large River
- (III) Small River
- (IV) Creek
- (V) Headwater
- (VI) Lake or reservoir

B. Cool Water Habitat (CLH)—Waters in which naturally-occurring water quality and habitat conditions allow the maintenance of a wide variety of cool-water biota. These waters can support a sensitive, high-quality sport fishery (i.e., smallmouth bass and rock bass).

- (II) Large River
- (III) Small River
- (IV) Creek
- (V) Headwater
- (VI) Lake or reservoir

C. Cold Water Habitat (CDH)—Waters in which naturally-occurring water quality and habitat conditions allow the maintenance of a wide variety of cold-water biota. These waters can support a naturally reproducing or stocked trout fishery and populations of other cold-water species.

- (II) Large River
- (III) Small River
- (IV) Creek
- (V) Headwater
- (VI) Lake or reservoir

D. Ephemeral Aquatic Habitat (EAH)—Waters having surface flow or pools in response to precipitation events or snow melt, but without permanent surface flow or permanent pools; naturally-occurring water quality and habitat conditions may allow the maintenance of a limited or transient community of aquatic biota.

E. Modified Aquatic Habitat (MAH)—Waters in which natural habitat conditions have been physically, chemically, or biologically modified; habitat and resulting water quality conditions may prevent the maintenance of a wide variety or diversity of aquatic biota.

F. Limited Aquatic Habitat (LAH)—Waters in which natural habitat conditions have been substantially and irretrievably altered; habitat and resulting water quality conditions do not allow maintenance of aquatic biota, or if present, the community is of poor variety or diversity;

2. Recreation in and on the water. Assignment of these uses does not grant an individual the right to trespass.

A. Whole body contact recreation (WBC)—Activities involving direct human contact with waters of the state to the point of complete body submergence. The water may be ingested accidentally and certain sensitive body organs, such

as the eyes, ears, and the nose, will be exposed to the water. Although the water may be ingested accidentally, it is not intended to be used as a potable supply unless acceptable treatment is applied. Waters so designated are intended to be used for swimming, water skiing, or skin diving.

(I) Category A (WBC-A)—This category applies to waters that have been established by the property owner as public swimming areas welcoming access by the public for swimming purposes and waters with documented existing whole body contact recreational use(s) by the public. Examples of this category include, but are not limited to: public swimming beaches and property where whole body contact recreational activity is open to and accessible by the public through law or written permission of the landowner.

(II) Category B (WBC-B)—This category applies to waters designated for whole body contact recreation not contained within category A.

B. Secondary contact recreation (SCR)—Uses include fishing, wading, commercial and recreational boating, any limited contact incidental to shoreline activities, and activities in which users do not swim or float in the water. These recreational activities may result in contact with the water that is either incidental or accidental and the probability of ingesting appreciable quantities of water is minimal;

3. Human health protection (HHP)—Criteria to protect this use are based on the assumption of an average amount of fish consumed on a long-term basis. Protection of this use includes compliance with Food and Drug Administration (FDA) limits for fish tissue, maximum water concentrations corresponding to the 10^6 cancer risk level, and other human health fish consumption criteria;

4. Irrigation (IRI)—Application of water to cropland or directly to cultivated plants that may be used for human or livestock consumption. Occasional supplemental irrigation, rather than continuous irrigation, is assumed;

5. Livestock and wildlife protection (LWP)—Maintenance of conditions in waters to support health in livestock and wildlife;

6. Drinking water supply (DWS)—Maintenance of a raw water supply which will yield potable water after treatment by public water treatment facilities;

7. Industrial water supply (IND)—Water to support various industrial uses; since quality needs will vary by industry, no specific criteria are set in these standards;

8. Storm- and flood-water storage and attenuation (WSA)—Wetlands and other waters which serve as overflow and storage areas during flood or storm events slowly release water to downstream areas, thus lowering flood peaks and associated damage to life and property;

9. Habitat for resident and migratory wildlife species, including rare and endangered species (WHP)—Wetlands and other waters that provide essential breeding, nesting, feeding, and predator escape habitats for wildlife including waterfowl, birds, mammals, fish, amphibians, and reptiles;

10. Recreational, cultural, educational, scientific, and natural aesthetic values and uses (WRC)—Wetlands and other waters that serve as recreational sites for fishing, hunting, and observing wildlife; waters of historic or archaeological significance; waters which provide great diversity for nature observation, educational opportunities, and scientific study; and

11. Hydrologic cycle maintenance (WHC)—Wetlands and other waters hydrologically connected to rivers and streams serve to maintain flow conditions during periods of drought. Waters that are connected hydrologically to the groundwater system recharge groundwater supplies and assume an important local or regional role in maintaining groundwater levels.]

(I)(D)(C) Biocriteria Numeric values or narrative expressions that describe the reference biological integrity of aquatic communities inhabiting waters that have been designated for aquatic life protection.

(I)(E)(D) Chronic toxicity Conditions producing adverse effects on aquatic life or wildlife following long term exposure but having no readily observable effect over a short time period. Chronic numeric criteria in Tables A1, A2, B2, and B3 are maximum concentrations which protect against chronic toxicity; these values shall be considered four (4) day averages, with the exception of total ammonia as nitrogen which shall be considered a thirty (30) day average. Chronic toxicity is also indicated by exceedence of WET test conditions of subsection (5)(Q). For substances not listed in Tables A1, A2, B2, and B3, commonly used endpoints such as the no observed effect concentration or inhibition concentration of representative species may be used to demonstrate absence of toxicity.

(I)(F)(E) Class All waters *listed* in the Missouri Use Designation Dataset *and in Table G and Table H* at (I)(Q) of this rule shall have a hydrologic class. During normal flow periods, some rivers back water into tributaries which do not otherwise have a hydrologic class. These permanent backwater areas are considered to have the same hydrologic class as the water body into which the tributary flows.

1. Class L1 Lakes used primarily for public drinking water supply.

2. Class L2 Major reservoirs.

3. Class L3 Other lakes which are waters of the state. These include both public and private lakes. For effluent regulation purposes, publicly owned L3 lakes are those for which a substantial portion of the surrounding lands are publicly owned or managed.

4. Class P Streams that maintain permanent flow even in drought periods.

5. Class P1 Standing water reaches of Class P streams.

6. Class C Streams that may cease flow in dry periods but maintain permanent pools which support aquatic life.

7. Class E Streams that do not maintain permanent surface flow or permanent pools, but have ephemeral surface flow or pools in response to precipitation events.

8. Class W Wetlands that are waters of the state that meet the criteria in the *Corps of Engineers Wetlands Delineation Manual* (January 1987), and subsequent federal revisions and supplements. Class W waters do not include wetlands that are artificially created on dry land and maintained for the treatment of mine drainage, stormwater control, or drainage associated with road construction, or industrial, municipal, or agricultural waste.

(F) Designated uses Uses specified for each water body whether or not they are being attained. Uses are designated according to section (2) of this rule and include, but are not limited to:

1. Protection and propagation of fish, shellfish, and wildlife. Streams will be designated to one (1) of the following aquatic habitat protection uses based on watershed size, scale within the stream network, and other hydrological and physical data. Lakes and reservoirs will be designated to one (1) of the following aquatic habitat protection uses based on limnological characteristics (such as temperature) and biological assemblages;

A. Warm Water Habitat (WWH) Waters in which naturally-occurring water quality and habitat conditions allow the maintenance of a wide variety of warm-water biota

(I) Great River;

(II) Large River;

(III) Small River;

(IV) Creek;

(V) Headwater; or

(VI) Lake or reservoir;

B. Cool Water Habitat (CLH) Waters in which naturally-occurring water quality and habitat conditions allow the maintenance of a wide variety of cool-water biota. These waters can

support a sensitive, high-quality sport fishery (i.e., smallmouth bass and rock bass)

- (I) Large River;
- (II) Small River;
- (III) Creek;
- (IV) Headwater; or
- (V) Lake or reservoir;

C. Cold Water Habitat (CDH) Waters in which naturally-occurring water quality and habitat conditions allow the maintenance of a wide variety of cold-water biota. These waters can support a naturally reproducing or stocked trout fishery and populations of other cold-water species

- (I) Large River;
- (II) Small River;
- (III) Creek;
- (IV) Headwater; or
- (V) Lake or reservoir;

D. Ephemeral Aquatic Habitat (EAH) Waters having surface flow or pools in response to precipitation events or snow melt, but without permanent surface flow or permanent pools; naturally-occurring water quality and habitat conditions may allow the maintenance of a limited or transient community of aquatic biota; and

E. Modified Aquatic Habitat (MAH) Waters in which natural habitat conditions have been physically, chemically, or biologically modified; habitat and resulting water quality conditions may prevent the maintenance of a wide variety or diversity of aquatic biota.

F. Limited Aquatic Habitat (LAH) Waters in which natural habitat conditions have been substantially and irretrievably altered; habitat and resulting water quality conditions do not allow maintenance of aquatic biota, or if present, the community is of poor variety or diversity;

2. Recreation in and on the water. Assignment of these uses does not grant an individual the right to trespass.

A. Whole body contact recreation (WBC) Activities involving direct human contact with waters of the state to the point of complete body submergence. The water may be ingested accidentally and certain sensitive body organs, such as the eyes, ears, and the nose, will be exposed to the water. Although the water may be ingested accidentally, it is not intended to be used as a potable supply unless acceptable treatment is applied. Waters so designated are intended to be used for swimming, water skiing, or skin diving.

(I) Category A (WBC-A) This category applies to waters that have been established by the property owner as public swimming areas welcoming access by the public for swimming purposes and waters with documented existing whole body contact recreational use(s) by the public. Examples of this category include, but are not limited to: public swimming beaches and property where whole body contact recreational activity is open to and accessible by the public through law or written permission of the landowner.

(II) Category B (WBC-B) This category applies to waters designated for whole body contact recreation not contained within category A.

B. Secondary contact recreation (SCR) Uses include fishing, wading, commercial and recreational boating, any limited contact incidental to shoreline activities, and activities in which users do not swim or float in the water. These recreational activities may result in contact with the water that is either incidental or accidental and the probability of ingesting appreciable quantities of water is minimal;

3. Human health protection (HHP) Criteria to protect this use are based on the assumption of an average amount of fish consumed on a long-term basis. Protection of this use includes compliance with Food and Drug Administration (FDA) limits for fish tissue, maximum water concentrations corresponding to the

10^{-6} cancer risk level, and other human health fish consumption criteria;

4. Irrigation (IRR) Application of water to cropland or directly to cultivated plants that may be used for human or livestock consumption. Occasional supplemental irrigation, rather than continuous irrigation, is assumed;

5. Livestock and wildlife protection (LWP) Maintenance of conditions in waters to support health in livestock and wildlife;

6. Drinking water supply (DWS) Maintenance of a raw water supply which will yield potable water after treatment by public water treatment facilities;

7. Industrial water supply (IND) Water to support various industrial uses; since quality needs will vary by industry, no specific criteria are set in these standards;

8. Storm- and flood-water storage and attenuation (WSA)

Wetlands and other waters which serve as overflow and storage areas during flood or storm events slowly release water to downstream areas, thus lowering flood peaks and associated damage to life and property;

9. Habitat for resident and migratory wildlife species, including rare and endangered species (WHP) Wetlands and other waters that provide essential breeding, nesting, feeding, and predator escape habitats for wildlife including waterfowl, birds, mammals, fish, amphibians, and reptiles;

10. Recreational, cultural, educational, scientific, and natural aesthetic values and uses (WRC) Wetlands and other waters that serve as recreational sites for fishing, hunting, and observing wildlife; waters of historic or archaeological significance; waters which provide great diversity for nature observation, educational opportunities, and scientific study; and

11. Hydrologic cycle maintenance (WHC) Wetlands and other waters hydrologically connected to rivers and streams serve to maintain flow conditions during periods of drought. Waters that are connected hydrologically to the groundwater system recharge groundwater supplies and assume an important local or regional role in maintaining groundwater levels.

(Q) Missouri Use Designation Dataset A digital geospatial dataset maintained by the department and used in conjunction with geographic information systems [and maintained by the department]. This dataset documents the [names] class and locations of designated uses assigned the state's rivers, streams, lakes, and reservoirs [which have been assigned designated uses]. The initial version of this dataset, [as] 8-20-13 MUDD V1.0, was adopted on November 6, 2013, to reflect(s) Tables G and H plus any additional presumptive uses described in section (2). The dataset will also include information regarding both pending and approved determinations, variances, use attainability analyses, and water quality standards revisions. The dataset uses the geospatial framework provided by the National Hydrography Dataset and is enhanced and supported by hydrological and physical information obtained through the Missouri Resource Assessment Partnership [(MoRAP)] and other scientific sources. The dataset is limited in geographic extent to the state of Missouri. Current versions of the Missouri Use Designation Dataset are titled 'STRM CLS USE' and 'LAKE CLS USE' dated December 30, 2020.

(S) National Hydrography Dataset (NHD) A digital vector dataset used in conjunction with geographic information systems to describe the location of rivers, streams, lakes, reservoirs, and other surface water features. [As applied in this rule, the term refers to the 1:100,000 scale dataset generated by the United States Geological Survey.] This dataset provides the geospatial framework for the Missouri Use Designation Dataset.

(DD) Water quality criteria Chemical, physical, and biological properties of water that are necessary to protect [beneficial water] designated uses.

(2) Designation of Uses.

(A) Rebuttable presumption. Consistent with the presumptive

[beneficial] use protections described by 40 CFR Part 131 and section 101(a)(2) of the federal Clean Water Act, waters identified in paragraphs (2)(A)1. through (2)(A)4. of this rule shall be presumed to support the following designated uses: Aquatic habitat protection; Human health protection; Whole body contact recreation Category B; and Secondary contact recreation, as defined in this rule. This presumption is rebuttable subject to demonstration based on use attainability analyses as described in subsection (2)(F) of this rule. Those waters are

1. All perennial rivers and streams;
2. All streams with permanent pools;
3. All rivers and streams included within the 1:100,000 scale National Hydrography Dataset (NHD) *[described in subsection (1)(R) of this rule]* enhanced and supported by hydrological and physical information obtained through the Missouri Resource Assessment Partnership and other scientific sources; and

4. All lakes and reservoirs that intersect the flow lines of rivers and streams identified in paragraph (2)(A)3. of this rule *[, shall be presumed to support the following designated uses: Aquatic habitat protection; Human health protection; Whole body contact recreation – Category B; and Secondary contact recreation, as defined in this rule. This presumption is rebuttable subject to demonstration based on use attainability analyses as described in subsection (2)(F) of this rule].*

(D) Use Designation. Uses of waters shall be designated as follows[–]:

1. Designated uses applied to individual water bodies or stream segments pursuant to subsections (2)(A) through (2)(C) of this rule shall include those identified in Tables G and H and in the Missouri Use Designation Dataset maintained by the department, except as described in paragraph (2)(D)3. of this rule.

2. Designated uses may be assigned on a case by case basis to water bodies or stream segments not otherwise represented in Tables G and H or in the Missouri Use Designation Dataset but falling within the jurisdiction of the Missouri Clean Water Law[.];

3. Assuming reasonable evidence, presumptive *[beneficial]* use protections described above shall not apply to water bodies without designated uses pursuant to Tables G or H prior to November 6, 2013 that meet one of the following criteria:

A. Waste treatment systems, or prior converted cropland, which are excluded from the federal definition of “waters of the United States” under 40 CFR 122.2; or

B. Man made structures which were constructed solely to treat or convey wastewater; or

C. Man made bodies of water or structures which lack perennial flow and were constructed to treat, convey, or temporarily hold or slow stormwater following precipitation events (this may include certain structures associated with Best Management Practices such as sediment basins, wet and dry detention basins, bioretention basins, rain gardens, bioswales, etc.); or

D. Water bodies that lack jurisdiction under either the federal Clean Water Act or Missouri Clean Water Law.

4. After receiving such evidence, the department shall make a written determination regarding the applicability of the above described presumptions, and such determination shall be subject to appeal pursuant to section 621.250, RSMo.

(F) Use Attainability. Demonstrations of use attainability for the protection of fish, shellfish and wildlife, recreation in and on the water, or human health protection shall assess the physical, chemical, biological, economic or other factors affecting the attainment of a use pursuant to 40 CFR 131.10(g). Use attainability analyses intended for other designated uses shall be designed and implemented on a case by case basis. In accordance with 40 CFR 131.10(j), the following potential actions must be preceded and supported by a use attainability analysis:

1. Designation of a water body for uses that do not include the protection of fish, shellfish and wildlife, recreation in and on the water, and human health protection;

2. Removal of one (1) or more of the uses identified in para-

graph 1. of this section; *[or]*

3. Application of any use sub categories for the protection of fish, shellfish and wildlife, recreation in and on the water, or human health protection which require less stringent criteria~~./~~; or

4. After receiving such demonstration, the department shall make a written determination regarding the use attainability analysis, and such determination shall be subject to appeal pursuant to section 621.250, RSMo.

(3) Antidegradation. The antidegradation policy shall provide three (3) levels of protection.

(B) Tier Two. For all waters of the state, if existing water quality is better than applicable water quality criteria established in these rules, that existing quality shall be fully maintained and protected. Water quality may be lowered only if the state finds, after full satisfaction of the intergovernmental coordination and public participation requirements, that the lowered water quality is necessary to allow important economic and social development in the geographical area in which the waters are located. In allowing the lowering of water quality, the state shall assure that there shall be achieved the highest statutory and regulatory requirements for all new and existing point sources and all cost effective and reasonable best management practices for nonpoint source control before allowing any lowering of water quality. This provision allows a proposed new or modified point or nonpoint source of pollution to result in limited lowering of water quality provided that

1. The source does not violate any of the general criteria set forth in section (4) of this rule, or any of the criteria for protection of *[beneficial]* designated uses set forth in section (5) of this rule;

2. The source meets all applicable technological effluent limitations and minimum standards of design for point sources or minimum pollution control practices for nonpoint sources; and

3. The lowering of water quality, in the judgment of the department, is necessary for the accommodation of important economic and social development in the geographical vicinity of the discharge. In making a preliminary determination based on socioeconomic development considerations, the department may consider the potential for regional increases in utility rates, taxation levels, or recoverable costs associated with the production of goods or services that may result from the imposition of a strict no degradation policy. Consideration may also be given to the possible indirect effects of a policy on per capita income and the level of employment in the geographical vicinity of the proposed pollution source. Any preliminary decision by the department to allow a limited lowering of water quality will be stated as such in a public notice issued pursuant to 10 CSR 20 6.010. Pursuant to that provision, a public hearing will be held in the geographical vicinity of the proposed pollution source, if the department determines there is significant public interest in and need for a hearing.

(4) General Criteria. The following water quality criteria shall be applicable to all waters of the state at all times including mixing zones. No water contaminant, by itself or in combination with other substances, shall prevent the waters of the state from meeting the following conditions:

(A) Waters shall be free from substances in sufficient amounts to cause the formation of putrescent, unsightly, or harmful bottom deposits or prevent full maintenance of *[beneficial]* designated uses;

(B) Waters shall be free from oil, scum, and floating debris in sufficient amounts to be unsightly or prevent full maintenance of *[beneficial]* designated uses;

(C) Waters shall be free from substances in sufficient amounts to cause unsightly color or turbidity, offensive odor, or prevent full maintenance of *[beneficial]* designated uses;

(5) Specific Criteria. The specific criteria shall apply to waters contained in Tables G and H of this rule and the Missouri Use Designation Dataset. Protection of drinking water supply is limited to surface

waters designated for raw drinking water supply and aquifers. Protection of whole body contact recreation is limited to waters designated for that use.

(A) The *[maximum chronic toxicity]* criteria in Tables A1, A2, B1, B2, and B3 shall apply to waters designated for the indicated uses given in the Missouri Use Designation Dataset and Tables G and H. These values are not to be exceeded more than once every three (3) years. *[A//J] Criteria in Tables A1, A2, B2, and B3 [criteria]* are chronic toxicity criteria, except those specifically identified as acute toxicity criteria. Table A1 values listed as health advisory levels shall be used in establishing discharge permit limits and management strategies until additional data becomes available to support alternative criteria, or other standards are established. Water contaminants shall not cause or contribute to concentrations in excess of *[these]* the criteria values in Tables A1, A2, B1, B2, and B3. *[Table A1 values listed as health advisory levels shall be used in establishing discharge permit limits and management strategies until additional data becomes available to support alternative criteria, or other standards are established.]* However, exceptions may be granted in the following cases:

1. Permanent flow streams when the stream flow is less than 7Q10;
2. Regulated flow streams if the flow is less than the minimum release flow agreed upon by the regulating agencies;
3. For the natural and unavoidable chemical and physical changes that occur in the hypolimnion of lakes. Streams below impoundments shall meet applicable specific criteria;
4. For mixing zones.

A. The mixing zone shall be exempted from the chronic criteria requirements of this section for those components of waste that are rendered nontoxic by dilution, dissipation, or rapid chemical transformation. Acute numeric criteria of Tables A1, A2, and B1 and whole effluent acute toxicity requirements of subsection (4)(I/J) must be met at all times within the mixing zone, except within the zone of initial dilution. The following criteria do not apply to thermal mixing zones. Criteria for thermal mixing zones are listed in paragraph (5)(D)6.

B. The maximum size of mixing zones and zones of initial dilution will be determined as follows (the size may be refined by the use of mixing zone models, e.g. CORMIX, as appropriate):

(I) Streams with 7Q10 low flows of less than one tenth cubic foot per second (0.1 cfs)

- (a) Mixing zone not allowed; and
- (b) Zone of initial dilution not allowed;

(II) Streams with 7Q10 low flow of one tenth to twenty cubic feet per second (0.1 20 cfs)

(a) Mixing zone one quarter (1/4) of the stream width, cross sectional area, or volume of flow; length one quarter (1/4) mile. If the discharger can document that rapid and complete mixing of the effluent occurs in the receiving stream, the mixing zone may be up to one half (1/2) of the stream width, cross sectional area, or volume of flow; and

(b) Zone of initial dilution one tenth (0.1) of the mixing zone width, cross sectional area, or volume of flow;

(III) Streams with 7Q10 low flow of greater than twenty cubic feet per second (20 cfs)

(a) Mixing zone one quarter (1/4) of stream width, cross sectional area, or volume of flow; length of one quarter (1/4) mile. If the discharger can document that rapid and complete mixing of the effluent occurs in the receiving stream, the mixing zone may be up to one half (1/2) of the stream width, cross sectional area, or volume of flow; and

(b) Zone of initial dilution one tenth (0.1) of the mixing zone width, cross sectional area, or volume of flow and no more than ten (10) times the effluent design flow volume unless the use of diffusers or specific mixing zone studies can justify more dilution; and

(IV) Lakes

(a) Mixing zone not to exceed one quarter (1/4) of the lake width at the discharge point or one hundred feet (100') from the discharge point, whichever is less; and

(b) Zone of initial dilution not allowed.

C. A mixing zone shall not overlap another mixing zone in a manner that the maintenance of aquatic life in the body of water in the overlapping area would be further adversely affected.

D. Other factors that may prohibit or further limit the size and location of mixing zones are the size of the river, the volume of discharge, the stream bank configuration, the mixing velocities, other hydrologic or physiographic characteristics, and the designated uses of the water, including type of aquatic life supported, potential effects on mouths of tributary streams, and proximity to water supply intakes.

E. Zones of passage must be provided wherever mixing zones are allowed.

F. Mixing zone and zone of initial dilution size limits will normally be based on streams at the 7Q10 low flow. However, this percent of stream size limits also applies at higher stream flows and discharge limitations may be based on higher stream flows if discharge volume or quality may be adjusted to correlate with stream flow; and

5. For wetlands. Water quality needs will vary depending on the individual characteristics of the wetland. Application of numeric criteria will depend on the specific aquatic life, wildlife, and vegetation requirements.

A. Specific criteria for wetlands shall be developed using scientific procedures including, but not limited to, those procedures described in the U.S. Environmental Protection Agency's *Water Quality Standards Handbook*, Second Edition, August 1994 as published by the Office of Science and Technology, Office of Water, U.S. Environmental Protection Agency, Washington, DC 20460, which are hereby incorporated by reference and do not include any later amendments or additions. The department shall maintain a copy of the referenced documents and shall make them available to the public for inspection and copying at no more than the actual cost of reproduction.

B. Specific criteria shall protect all life stages of species associated with wetlands and prevent acute and chronic toxicity in all parts of the wetland.

C. Specific criteria shall include both chronic and acute concentrations to better reflect the different tolerances to the inherent variability between concentrations and toxicological characteristics of a condition.

D. Specific criteria shall be clearly identified as maximum "not to be exceeded" or average values, and if an average, the averaging period and the minimum number of samples. The conditions, if any, when the criteria apply shall be clearly stated (e.g., specific levels of hardness, pH, or water temperature). Specific sampling requirements (e.g., location, frequency), if any, shall also be identified.

E. The data, testing procedures, and application (safety) factors used to develop specific criteria shall reflect the nature of the condition (e.g., persistency, bioaccumulation potential) and the most sensitive species associated with the wetland.

F. Each specific criterion shall be promulgated in rule 10 CSR 20 7.031. The public notice shall include a description of the affected wetland and the reasons for applying the proposed criterion. A public hearing may be held in the geographical vicinity of the affected wetland. Any specific criterion promulgated under these provisions is subject to U.S. Environmental Protection Agency approval prior to becoming effective.

(B) Toxic Substances.

1. Water contaminants shall not cause the criteria in Tables A1, A2, B1, B2, and B3 to be exceeded. Concentrations of these substances in bottom sediments or waters shall not harm benthic organisms and shall not accumulate through the food chain in harmful concentrations, nor shall state and federal maximum fish tissue levels for

fish consumption be exceeded. More stringent criteria may be imposed if there is evidence of additive or synergistic effects.

2. [For compliance with this rule, metals shall be analyzed by the following methods] Metals criteria in Table A1 are expressed according to designated use as follows:

- A. Aquatic life protection and human health protection
 - (I) Mercury total recoverable metals; and
 - (II) All other metals dissolved metals;
- B. Drinking water supply total recoverable metals; and
- C. All other [beneficial] designated uses total recoverable metals.

3. Other potentially toxic substances for which sufficient toxicity data are not available may not be released to waters of the state until safe levels are demonstrated through adequate bioassay studies.

4. Drinking water criteria, for substances which are rendered nontoxic by transformation processes in the surface water body, shall apply at water supply withdrawal points.

5. Site specific alternative criteria for human health protection may be allowed. Designation of these site specific criteria must follow procedures set forth in U.S. Environmental Protection Agency's *Methodology for Deriving Ambient Water Quality Criteria for the Protection of Human Health, October 2000* (EPA 822 B 00 004), as published by the Office of Science and Technology, Office of Water, U.S. Environmental Protection Agency, Washington, DC 20460, which is hereby incorporated by reference and does not include any later amendments or additions. The department shall maintain a copy of the referenced document and shall make it available to the public for inspection and copying at no more than the actual cost of reproduction.

6. Metals criteria for which toxicity is hardness dependent are in equation format in Table A2.

7. Total ammonia nitrogen. For any given sample, the total ammonia nitrogen criteria shall be based on the pH and temperature of the water body measured at the time of each sample at the point of compliance.

A. The acute criteria shall not be exceeded at any time except in those waters for which the department has allowed a zone of initial dilution (ZID). The one (1) day Q₁₀ low flow condition will be used in determining acute total ammonia nitrogen criteria.

B. The chronic criteria shall not be exceeded except in water segments for which the department has allowed a mixing zone (MZ). The chronic criteria shall be based on a thirty (30) day exposure period. Therefore, the thirty (30) day Q₁₀ low flow condition of the receiving water body will be used in determining chronic total ammonia nitrogen criteria.

C. Without sufficient and reliable data, it is assumed that early life stages are present and must be protected at all times of the year.

(I) Sufficient and reliable data shall include, but are not limited to, seasonal studies on the fish species distributions, spawning periods, nursery periods, duration of sensitive life stages, and water body temperature. Best professional judgment from fishery biologists and other scientists will be considered as appropriate.

(II) The time frames during the year when early life stages are considered to be absent are those time periods when early life stages are present in numbers that, if chronic toxicity did occur, would not affect the long term success of the populations.

(III) A source of information for determining the duration of early life stages is *The American Society for Testing and Materials (ASTM) Standard E 1241, "Standard Guide for Conducting Early Life Stage Toxicity Tests with Fishes."*

(IV) Protection of early life stages should include the most sensitive species that have used a water body for spawning and rearing since November 28, 1975.

(C) Bacteria. The protection of whole body contact recreation is limited to waters designated for that use. The recreational season is from April 1 to October 31. The *E. coli* count shall not exceed the criterion listed in Table A1 as a geometric mean during the recre-

ational season in waters designated for whole body contact recreation. [*The E. coli count shall not exceed one hundred twenty-six (126) per one hundred milliliters (100 mL) at any time in losing streams.*] For waters designated for secondary contact recreation, the *E. coli* count shall not exceed one thousand one hundred thirty four (1,134) per one hundred milliliters (100 mL) as a geometric mean during the recreational season.

(E) pH. Water contaminants shall not cause the [four- (4-) day average] pH concentration [of representative samples] to be outside of the range of 6.5 to 9.0 standard pH units [(chronic toxicity)].

(F) Taste and Odor Producing Substances. Taste and odor producing substances shall be limited to concentrations in the streams or lakes that will not interfere with [beneficial] designated uses of the water. For those streams and lakes designated for drinking water supply use, the taste and odor producing substances shall be limited to concentrations that will not interfere with the production of potable water by reasonable water treatment processes.

(G) Turbidity and Color. Water contaminants shall not cause or contribute to turbidity or color that will cause substantial visible contrast with the natural appearance of the stream or lake or interfere with [beneficial] designated uses.

(H) Solids. Water contaminants shall not cause or contribute to solids in excess of a level that will interfere with [beneficial] designated uses. The stream or lake bottom shall be free of materials which will adversely alter the composition of the benthos, interfere with the spawning of fish or development of their eggs, or adversely change the physical or chemical nature of the bottom.

(L) [Sulfate and] Chloride Plus Sulfate Limit for Protection of Aquatic Life. The concentration of chloride plus sulfate shall not exceed one thousand milligrams per liter (1,000 mg/L). Table A1 includes additional chloride criteria.

[1. Streams with Q10 low flow of less than one cubic foot per second (1 cfs). The concentration of chloride plus sulfate shall not exceed one thousand milligrams per liter (1,000 mg/L). Table A1 includes additional chloride criteria.

2. Streams with Q10 low flow of more than one cubic foot per second (1 cfs) and Class P1, L1, L2, and L3 waters. The total chloride plus sulfate concentration shall not exceed the estimated natural background concentration by more than twenty percent (20%) at the 60Q10 low flow.]

(N) Nutrients and Chlorophyll.

1. Definitions.

A. For the purposes of these criteria, all lakes and reservoirs shall be referred to as "lakes."

B. Lake ecoregions Due to differences in watershed topography, soils, and geology, nutrient criteria for lakes and reservoirs will be determined by the use of four (4) major ecoregions based upon dominant watershed ecoregion. These regions were delineated by grouping the ecological subsections described in Nigh and Schroeder, 2002, *Atlas of Missouri Ecoregions*, as follows:

(I) Plains: OP1 Scarped Osage Plains; OP2 Cherokee Plains; TP2 Deep Loess Hills; TP3 Loess Hills; TP4 Grand River Hills; TP5 Chariton River Hills; TP6 Claypan Till Plains; TP7 Wyaconda River Dissected Till Plains; TP8 Mississippi River Hills;

(II) Ozark Border: MB2a Crowley's Ridge Loess Woodland/Forest Hills; OZ11 Prairie Ozark Border; OZ12 Outer Ozark Border; OZ13 Inner Ozark Border;

(III) Ozark Highland: OZ1 Springfield Plain; OZ2 Springfield Plateau; OZ3 Elk River Hills; OZ4 White River Hills; OZ5 Central Plateau; OZ6 Osage River Hills; OZ7 Gasconade River Hills; OZ8 Meramec River Hills; OZ9 Current River Hills; OZ10 St. Francois Knobs and Basins; OZ14 Black River Ozark Border; and

(IV) Big River Floodplain: MB1 Black River Alluvial Plain; MB2b Crowley's Ridge Foothslopes and Alluvial Plains; MB3 St. Francis River Alluvial Plain; MB4, OZ16, TP9 Mississippi River Alluvial Plain; OZ15, TP1 Missouri River Alluvial

Plain.

C. Nutrient Criteria Nutrient criteria represent the desired condition for a water body necessary to protect the designated uses assigned in rule.

(I) Lake Ecoregion Criteria A decision framework that integrates causal and response parameters into one water quality standard that accounts for uncertainty in linkages between causal and response parameters.

(a) Response Impairment Thresholds Maximum ambient concentrations of chlorophyll a (Chl a) that are based on annual geometric means of samples collected May through September with an allowable exceedance frequency of one in three (1 in 3) years for lakes that have not been assigned site specific criteria.

(b) Nutrient Screening Thresholds Maximum ambient concentrations of total phosphorus (TP), total nitrogen (TN), and Chl a that are based on the annual geometric mean of samples collected May through September. Nutrient screening thresholds represent causal and response parameter concentrations, above which an exceedance in any one year warrants further evaluation of Response Assessment Endpoints.

(c) Response Assessment Endpoints Narrative and numeric biological response endpoints that link directly to designated use impairment.

(II) Lake Site Specific Criteria Maximum Ambient Concentrations of TP, TN, or Chl a that are based on the geometric mean of a minimum of three (3) years of data and the characteristics of the */waterbody/ water body*.

2. This rule applies to all lakes that are waters of the state and have an area of at least ten (10) acres during normal pool condition. Big River Floodplain lakes shall not be subject to these criteria.

3. Response Impairment Thresholds are listed in Table L. Nutrient Screening Thresholds are listed in Table M. Lake Site Specific Criteria for TP, TN, and Chl a are listed in Table N. Additional lake site specific criteria may be developed in accordance with subsection (5)(S) to account for the unique characteristics of the */waterbody/ water body* that affect trophic status, such as lake morphology, hydraulic residence time, temperature, internal nutrient cycling, or watershed contribution from multiple ecoregions.

4. All TP, TN, and Chl a concentrations must be calculated as the geometric mean of a minimum of four (4) representative samples per year for one (1) year for purposes of comparison to lake ecoregion criteria thresholds. All samples must be collected from the lake surface, near the outflow of the lake, and during the period May 1 September 30.

5. Lakes with water quality that exceed Response Impairment Thresholds or Lake Site Specific Criteria identified in Tables L and N are to be deemed impaired for excess nutrients.

6. Lakes are to be deemed impaired for excess nutrients if any of the following Response Assessment Endpoints are documented to occur within the same year as an exceedances of Nutrient Screening Thresholds in Table M. The department shall collect information on Response Assessment Endpoints concurrently with collection of Nutrient Screening Threshold parameters. The department shall determine attainment of Nutrient Criteria during the biennial assessment of Missouri waters.

A. Occurrence of eutrophication related mortality or morbid ity events for fish and other aquatic organisms;

B. Epilimnetic excursions from dissolved oxygen or pH criteria;

C. Cyanobacteria counts in excess of one hundred thousand (100,000) cells per milliliter (cells/mL);

D. Observed shifts in aquatic diversity attributed to eutrophication; and

E. Excessive levels of mineral turbidity that consistently limit algal productivity during the period May 1 September 30.

(7) Metropolitan No Discharge Streams. No water contaminant except uncontaminated cooling water, permitted stormwater dis

charges in compliance with permit conditions, and excess wet weather bypass discharges not interfering with */beneficial/ designated* uses shall be discharged to the watersheds of streams listed in Table F. Existing interim discharges may be allowed until interceptors are available within two thousand feet (2,000') or a distance deemed feasible by the department, or unless construction of outfalls to alter native receiving waters not listed in Table F is deemed feasible by the department. Existing discharges include wastewater volumes up to the design capacity of existing permitted treatment facilities, including phased increases in design capacity approved by the department prior to the effective date of this rule. Additional facilities may be constructed to discharge to these waters only if they are intended to be interim facilities in accordance with a regional wastewater treatment plan approved by the department.

(12) Water Quality Standards Variances. A permittee or an applicant for a National Pollutant Discharge Elimination System (NPDES) or Missouri state operating permit may */pursue/ apply for* a temporary variance pursuant to */either/ section 644.061 [or section 644.062], RSMo*. A variance from water quality standards shall comply with 40 CFR 131.14.

(B) Individual variances may be granted using the terms, conditions, and procedures found in the "Missouri Multiple Discharger Variance Framework from the Water Quality Standards of Total Ammonia Nitrogen, CWC MDV 1 17," *Ifinalized by the department on September 15, 2017/ dated April 22, 2020*, which is incorporated by reference and does not include any later amendments or additions. The department shall maintain a copy of the referenced documents and shall make them available to the public for inspection and copying at no more than the actual cost of reproduction.

Table A1 - Criteria for Designated Uses and Health Advisory Levels

Criteria for Designated Uses										
POLLUTANT	CAS #	Aquatic Life Protection		Human Health Protection		DWS	IRR/ LWP	GRW		
		Acute	Chronic	Fish Consumption						
METALS (µg/L)										
Aluminum (pH 6.5 9.0 SU)	7429905	750								
Antimony	7440360			4,300		6		6		
Arsenic	7440382	340	150			50	100	50		
Barium	7440393					2,000		2,000		
Beryllium	7440417		5			4	100	4		
Boron	7440428						2,000	2,000		
Cadmium	7440439	Table A2	Table A2			5		5		
Chromium (III)	16065831	Table A2	Table A2			100	100	100		
Chromium (VI)	18540299	16	11							
Cobalt	7440484						1,000	1,000		
Copper	7440508	Table A2	Table A2			1,300	500	1,300		
Iron	7439896		1,000					300		
Lead	7439921	Table A2	Table A2			15		15		
Manganese	7439965							50		
Mercury	7439976	1.4	0.77			2		2		
Methylmercury	22967926	1.4	0.77							
Nickel	7440020	Table A2	Table A2			100		100		

DWS Drinking Water Supply

IRR Irrigation

LWP Livestock and Wildlife Protection

GRW Groundwater

		Aquatic Life Protection		Human Health Protection	DWS	IRR/ LWP	GRW
POLLUTANT	CAS #	Acute	Chronic	Fish Consumption			
Selenium	7782492		5		50		50
Silver	7440224	Table A2			50		50
Thallium	7440280			6.3	2		2
Zinc	7440666	Table A2	Table A2		5,000		5,000
OTHER INORGANIC SUBSTANCES (µg/L)							
Alkalinity (minimum CaCO ₃)			20,000				
Ammonia	7664417	Table B1	Tables B2 & B3				
Asbestos (Fibers/L)	1332214				7,000,000		
Chloride (mg/L)	16887006	860	230		250		
Chloride + Sulfate	16887006 & 18785723	10 CSR 20 7.031(5)(L)					
Chlorine, Total Residual (Coldwater Aquatic Habitat)	7782505		2				
Chlorine, Total Residual (Warmwater Aquatic Habitat)	7782505	19	11				
Cyanide (amenable to chlorination)	57125	22	5.2				
<i>E. coli</i> Bacteria (cfu/100 mL)		WBC A: 126 WBC B: 206 SCR: 1,134 10 CSR 20 7.031(5)(C)					
Fluoride (mg/L)					4	4	4
Gases, Total Dissolved (percent saturation)		110%	110%				
Hydrogen Sulfide (unionized)	7783064		2.0				
Nitrate	14797558				10,000		10,000
Oil and Grease (mg/L)			10				
Oxygen, Dissolved (mg/L) (Coldwater Aquatic Habitat)	7782447	6 (minimum)					
Oxygen, Dissolved (mg/L) (Coolwater Aquatic Habitat)	7782447	5 (minimum)					
Oxygen, Dissolved (mg/L) (Warmwater Aquatic Habitat)	7782447	5 (minimum)					

DWS Drinking Water Supply

IRR Irrigation

LWP Livestock and Wildlife Protection

GRW Groundwater

WBC Whole Body Contact Recreation

SCR Secondary Contact Recreation

POLLUTANT	CAS #	Aquatic Life Protection		Human Health Protection	DWS	IRR/ LWP	GRW
		Acute	Chronic				
pH (SU)		10 CSR 20 7.031 (5)(E)					
Solids Suspended and Turbidity		10 CSR 20 7.031(5) (G H)					
Sulfate (mg/L)	18785723				250		
Temperature		10 CSR 20 7.031(5)(D)					
ORGANIC SUBSTANCES (µg/L)							
Benzenes							
Benzene	71432			71	5		5
Chlorobenzene	108907			21,000	100		100
1,2 Dichlorobenzene (ortho Dichlorobenzene)	95501			2,600	600		600
1,3 Dichlorobenzene (meta Dichlorobenzene)	541731			2,600	600		600
1,4 Dichlorobenzene (para Dichlorobenzene)	106467			2,600	75		75
1,2,4 Trichlorobenzene	120821			940	70		70
1,2,4,5 Tetrachlorobenzene	95943			2.9	2.3		2.3
Pentachlorobenzene	608935			4.1	3.5		3.5
Hexachlorobenzene	118741			0.00074	1		1
Ethylbenzene	100414		320		700		700
Nitrobenzene	98953			1,900	17		17
Styrene (Vinyl Benzene)	100425				100		100
Chlorinated Hydrocarbons							
1,1 Dichloroethylene	75354			3.2	7		7
1,1,1 Trichloroethane	71556				200		200

DWS Drinking Water Supply

IRR Irrigation

LWP Livestock and Wildlife Protection

GRW Groundwater

		Aquatic Life Protection		Human Health Protection	DWS	IRR/ LWP	GRW
POLLUTANT	CAS #	Acute	Chronic	Fish Consumption			
1,1,2 Trichloroethane	79005			42	5		5
1,1,2,2 Tetrachloroethane	79345			11	0.17		0.17
1,2 Dichloroethane	107062			99	5		5
1,2 Dichloropropane	78875			39	0.52		0.52
1,3 Dichloropropene (Dichloropropene)	542756			1,700	87		87
Carbon Tetrachloride (Tetrachloromethane)	56235			5	5		5
cis 1,2 Dichloroethylene	156592				70		70
Hexachloroethane	67721			8.7	1.9		1.9
Tetrachloroethylene	127184			8.85	0.8		0.8
trans 1,2 Dichloroethylene	156605			140,000	100		100
Trichloroethylene	79016			80	5		5
Other Halogenated Hydrocarbons							
Chlorodibromomethane	124481			34	0.41		0.41
Dichlorobromomethane	75274			46	0.56		0.56
Dichlorodifluoromethane	75718			570,000			
Ethylene Dibromide (1,2 Dibromoethane)	106934				0.05		0.05
Methyl Bromide (Bromomethane)	74839			4,000	48		48
Methyl Chloride (Chloromethane)	74873			470	5		5
Methylene Chloride (Dichloromethane)	75092			1,600	4.7		4.7
Total Trihalomethanes (TTHMs)					80		80
Tribromomethane (Bromoform)	75252			360	4.3		4.3

DWS Drinking Water Supply
IRR Irrigation
LWP Livestock and Wildlife Protection
GRW Groundwater

		Aquatic Life Protection		Human Health Protection	DWS	IRR/ LWP	GRW
POLLUTANT	CAS #	Acute	Chronic	Fish Consumption			
Trichlorofluoromethane	75694			860,000			
Trichloromethane (Chloroform)	67663			470	5.7		5.7
Vinyl Chloride	75014			525	2		2
Ethers							
Bis 2 Chloroethyl Ether	111444			1.4	0.03		0.03
Bis 2 Chloroisopropyl Ether	108601			4,360	1,400		1,400
Bis Chloromethyl Ether	542881			0.00078	0.00013		0.00013
Miscellaneous Organics							
2,3,7,8 TCDD (Dioxin)	1746016			1.4E 08	1.3E 08		1.3E 08
Di (2 ethylhexyl) adipate	103231				400		400
Isophorone	78591			2,600	36		36
Polychlorinated Biphenyls (PCBs)			0.014	0.000045			0.00045
Tributyltin (TBT)		0.46	0.072				
Nitrogen Containing Compounds							
1,2 Diphenylhydrazine	122667			0.54	0.04		0.04
3,3' Dichlorobenzidine	91941			0.08	0.04		0.04
Acrylonitrile (2 propenenitrile)	107131			0.65	0.058		0.058
Benzidine (4,4' diaminobiphenyl)	92875			0.00053	0.00012		0.00012

DWS Drinking Water Supply

IRR Irrigation

LWP Livestock and Wildlife Protection

GRW Groundwater

		Aquatic Life Protection		Human Health Protection	DWS	IRR/ LWP	GRW
POLLUTANT	CAS #	Acute	Chronic	Fish Consumption			
Nitrosamines							
N Nitrosodimethylamine	62759			8	0.0007		0.0007
N Nitrosodi n propylamine	621647			1.4			
N Nitrosodiphenylamine	86306			16	5		5
N Nitrosopyrrolidine	930552			91.9			
Polynuclear Aromatic Hydrocarbons (PAHs)							
Acenaphthene	83329			2,700	1,200		1,200
Anthracene	120127			110,000	9,600		9,600
Benzo(a)anthracene	56553			0.049	0.0044		0.0044
Benzo(a)pyrene	50328			0.049	0.2		0.2
Benzo(b)fluoranthene	205992			0.049	0.0044		0.0044
Benzo(k)fluoranthene	207089			0.049	0.0044		0.0044
2 Chloronaphthalene	91587		4,300				
Chrysene	218019			0.049	0.0044		0.0044
Dibenzo(a,h)anthracene	53703			0.049	0.0044		0.0044
Fluoranthene	206440			370	300		300
Fluorene	86737			14,000	1,300		1,300
Indeno(1,2,3 cd)pyrene	193395			0.049	0.0044		0.0044
Pyrene	129000			11,000	960		960
Phthalate Esters							
Bis (2 Ethylhexyl) Phthalate	117817			5.9	6		6

DWS Drinking Water Supply

IRR Irrigation

LWP Livestock and Wildlife Protection

GRW Groundwater

		Aquatic Life Protection		Human Health Protection	DWS	IRR/ LWP	GRW
POLLUTANT	CAS #	Acute	Chronic	Fish Consumption			
Butylbenzyl Phthalate	85687			5,200	3,000		3,000
Diethyl Phthalate	84662			120,000	23,000		23,000
Dimethyl Phthalate	131113			2,900,000	313,000		313,000
Di n Butyl Phthalate	84742			12,000	2,700		2,700
Phenolic Compounds							
2 Chlorophenol	95578			400	0.1		0.1
2 Methyl 4,6 Dintrophenol	534521			765	13		13
2,4 Dichlorophenol	120832		7	790	93		93
2,4 Dimethylphenol	105679			2,300	540		540
2,4 Dinitrophenol	51285			14,000	70		70
2,4,5 Trichlorophenol	95954			9,800	2,600		2,600
2,4,6 Trichlorophenol	88062			6.5	2		2
Nonylphenol	84852153	28	6.6				
Pentachlorophenol	87865	Table A2	Table A2	8	1		1
Phenol (Coldwater Aquatic Habitat)	108952	5,293	157		100		300
Phenol (Warmwater Aquatic Habitat)	108952	5,293	2,560		100		300
Toluenes							
2,4 Dinitrotoluene	121142			9	0.11		0.04
Toluene	108883			200,000	1,000		1,000
Xylenes (Total)	1330207				10,000		10,000

DWS Drinking Water Supply

IRR Irrigation

LWP Livestock and Wildlife Protection

GRW Groundwater

POLLUTANT	CAS #	Aquatic Life Protection		Human Health Protection	DWS	IRR/ LWP	GRW
		Acute	Chronic				
PESTICIDES (µg/L)							
1,2 Dibromo 3 chloropropane (DBCP)	96128				0.2		0.2
4 4' Dichlorodiphenyl dichloroethane (DDD)	72548			0.00084	0.00083		0.00083
4 4' Dichlorodiphenyl dichloroethylene (DDE)	72559			0.00059	0.00059		0.00059
4 4' Dichlorodiphenyl trichloroethane (DDT)	50293	1.1	0.001	0.00059	0.00059		0.00059
Acrolein	107028	3	3	780	320		320
Alachlor	15972608				2		2
Aldrin	309002	3.0		0.000079	0.00013		0.00013
Atrazine	1912249				3		3
Carbaryl	63252	2.1	2.1				
Carbofuran	1563662				40		40
Chlordane	57749	2.4	0.0043	0.00048	2		2
Chlorophenoxy Herbicide (2,4 D)	94757				70		70
Chlorophenoxy Herbicide (2,4,5 TP)	93721				50		50
Chlorpyrifos	2921882	0.083	0.041				
Dalapon	75990				200		200
Demeton	8065483		0.1				
Diazinon	333415	0.17	0.17				
Dieldrin	60571	0.24	0.056	0.000076	0.00014		0.00014
Dinoseb	88857				7		7
Diquat	85007				20		20

DWS Drinking Water Supply
IRR Irrigation
LWP Livestock and Wildlife Protection
GRW Groundwater

POLLUTANT	CAS #	Aquatic Life Protection		Human Health Protection	DWS	IRR/ LWP	GRW
		Acute	Chronic	Fish Consumption			
alpha Endosulfan (Endosulfan)	959988	0.22	0.056				
beta Endosulfan (Endosulfan)	33213659	0.22	0.056				
Endothall	145733				100		100
Endrin	72208	0.086	0.036	0.0023	2		2
Endrin Aldehyde	7421934			0.0023	0.75		0.75
Glyphosate	1071836				700		700
Guthion	86500		0.01				
Heptachlor	76448	0.52	0.0038	0.0002	0.4		0.4
Heptachlor Epoxide	1024573	0.52	0.0038	0.00011	0.2		0.2
Hexachlorobutadiene	87683			50	0.45		0.45
Hexachlorocyclopentadiene	77474		0.5		50		50
alpha Hexachlorocyclohexane (alpha BHC)	319846			0.0074	0.0022		0.0022
beta Hexachlorocyclohexane (beta BHC)	319857			0.0074	0.0022		0.0022
delta Hexachlorocyclohexane (delta BHC)	319868			0.0074	0.0022		0.0022
gamma Hexachlorocyclohexane (gamma BHC; Lindane)	58899	0.95		0.062	0.2		0.2
Malathion	121755		0.1				
Methoxychlor	72435		0.03		40		40
Mirex	2385855		0.001				
Oxamyl (Vydate)	23135220				200		200

DWS Drinking Water Supply

IRR Irrigation

LWP Livestock and Wildlife Protection

GRW Groundwater

POLLUTANT	CAS #	Aquatic Life Protection		Human Health Protection	DWS	IRR/ LWP	GRW
		Acute	Chronic				
Parathion	56382	0.065	0.013				
Picloram	1918021				500		500
Simazine	122349				4		4
Toxaphene	8001352	0.73	0.0002	0.000073	3		3

Health Advisory Levels (µg/L)

1,1,1,2 Tetrachloroethane	630206				70		70
1,2,3 Trichloropropane	96184				40		40
1,3 Dinitrobenzene	99650				1		1
1,4 Dithiane	505293				80		80
2,4,5 T (2,4,5 Trichlorophenoxyacetic acid)	93765				70		70
2,4,6 Trinitrotoluene (Trinitrotoluene)	118967				2		2
Ametryn	834128				60		60
Baygon	114261				3		3
Bentazon	25057890				20		20
Bis 2 Chloroisopropyl Ether	108601				300		300
Bromacil	314409				90		90
Bromochloromethane	74975				90		90
Butylate	2008415				350		350
Carbaryl	63252				700		700
Carboxin	5234684				700		700
Chloramben	133904				100		100

DWS Drinking Water Supply
IRR Irrigation
LWP Livestock and Wildlife Protection
GRW Groundwater

		Aquatic Life Protection		Human Health Protection	DWS	IRR/ LWP	GRW
POLLUTANT	CAS #	Acute	Chronic	Fish Consumption			
ortho Chlorotoluene	95498				100		100
para Chlorotoluene	106434				100		100
Chlorpyrifos	2921882				20		20
DCPA (Dacthal)	1861321				4,000		4,000
Diazinon	333415				0.6		0.6
Dicamba	1918009				200		200
Diisopropyl methylphosphonate	1445756				600		600
Dimethyl methylphosphonate	756796				100		100
Diphenamid	957517				200		200
Diphenylamine	122394				200		200
Disulfoton	298044				0.3		0.3
Diuron	330541				10		10
Fenamiphos	22224926				2		2
Fluometron	2164172				90		90
Fonofos	944229				10		10
Hexazinone	51235042				200		200
Malathion	121755				200		200
Maleic hydrazide	123331				4,000		4,000
MCPA (2 Methyl 4 Chlorophenoxyacetic acid)	94746				10		10
Methyl Bromide (Bromomethane)	74839				10		10
Methyl Parathion	298000				2		2

DWS Drinking Water Supply

IRR Irrigation

LWP Livestock and Wildlife Protection

GRW Groundwater

		Aquatic Life Protection		Human Health Protection	DWS	IRR/ LWP	GRW
POLLUTANT	CAS #	Acute	Chronic	Fish Consumption			
Metolachlor	51218452				70		70
Metribuzin	21087649				100		100
Naphthalene	91203				20		20
Nitroguanidine	556887				700		700
para Nitrophenol	100027				60		60
Paraquat	1910425				30		30
Pronamide	23950585				50		50
Propachlor	1918167				90		90
Propazine	139402				10		10
Propham	122429				100		100
Tebuthiuron	34014181				500		500
Terbacil	5902512				90		90
Terbufos	13071799				0.9		0.9
Trichlorofluoromethane	75694				2,000		2,000
Trifluralin	1582098				5		5
Trinitroglycerol	55630				5		5

DWS Drinking Water Supply
IRR Irrigation
LWP Livestock and Wildlife Protection
GRW Groundwater

Table A2 - Criteria for Aquatic Life Protection

POLLUTANT	CAS #		
METALS (µg/L) - Hardness Dependent			
Cadmium	7440439	Acute	$e^{(1.0166 * \ln(\text{Hardness}) - 3.062490)} * (1.136672 * (\ln(\text{Hardness}) * 0.041838))$
		Chronic	$e^{(0.7977 * \ln(\text{Hardness}) - 3.909)} * (1.101672 * (\ln(\text{Hardness}) * 0.041838))$
Chromium (III)	16065831	Acute	$e^{(0.8190 * \ln(\text{Hardness}) + 3.725666)} * 0.316$
		Chronic	$e^{(0.8190 * \ln(\text{Hardness}) + 0.6848)} * 0.860$
Copper	7440508	Acute	$e^{(0.9422 * \ln(\text{Hardness}) - 1.700300)} * 0.960$
		Chronic	$e^{(0.8545 * \ln(\text{Hardness}) - 1.702)} * 0.960$
Lead	7439921	Acute	$e^{(1.273 * \ln(\text{Hardness}) - 1.460448)} * (1.46203 * (\ln(\text{Hardness}) * 0.145712))$
		Chronic	$e^{(1.273 * \ln(\text{Hardness}) - 4.704797)} * (1.46203 * (\ln(\text{Hardness}) * 0.145712))$
Nickel	7440020	Acute	$e^{(0.8460 * \ln(\text{Hardness}) + 2.255647)} * 0.998$
		Chronic	$e^{(0.8460 * \ln(\text{Hardness}) + 0.0584)} * 0.997$
Silver	7440224	Acute	$e^{(1.72 * \ln(\text{Hardness}) - 6.588144)} * 0.850$
Zinc	7440666	Acute	$e^{(0.8473 * \ln(\text{Hardness}) + 0.884)} * 0.98$
		Chronic	$e^{(0.8473 * \ln(\text{Hardness}) + 0.884)} * 0.98$
OTHER POLLUTANTS (µg/L) Equation Dependent			
Pentachlorophenol	87865	Acute	$e^{((1.005 * (\text{pH})) - 4.869)}$
		Chronic	$e^{((1.005 * (\text{pH})) - 5.134)}$

Table B1 - Acute Criteria for Total Ammonia Nitrogen (mg N/L)

pH	Cold-Water Fisheries (1)	Cool & Warm-Water Fisheries (2)
6.5	32.6	48.8
6.6	31.3	46.8
6.7	29.8	44.6
6.8	28.1	42.0
6.9	26.2	39.1
7.0	24.1	36.1
7.1	22.0	32.8
7.2	19.7	29.5
7.3	17.5	26.2
7.4	15.4	23.0
7.5	13.3	19.9
7.6	11.4	17.0
7.7	9.6	14.4
7.8	8.1	12.1
7.9	6.7	10.1
8.0	5.6	8.4
8.1	4.6	6.9
8.2	3.8	5.7
8.3	3.1	4.7
8.4	2.5	3.8
8.5	2.1	3.2
8.6	1.7	2.6
8.7	1.4	2.2
8.8	1.2	1.8
8.9	1.0	1.5
9.0	0.8	1.3

(1) Salmonids present: CMC $[(0.275 / (1+10^{7.204-pH})] + [39.0 / (1+10^{pH-7.204})]$

(2) Salmonids absent: CMC $[0.411 / (1+10^{7.204-pH})] + [58.4 / (1+10^{pH-7.204})]$

Table B2 - Chronic Criteria for Total Ammonia Nitrogen (mg N/L): Early Life Stage Absent (3)(4)

pH	Temperature (°C)																
	0 7	8	9	10	11	12	13	14	15	16	18	20	22	24	26	28	30
6.5	10.8	10.1	9.5	8.9	8.3	7.8	7.3	6.8	6.4	6.0	5.3	4.6	4.1	3.6	3.1	2.8	2.4
6.6	10.7	9.9	9.3	8.7	8.2	7.7	7.2	6.7	6.3	5.9	5.2	4.6	4.0	3.5	3.1	2.7	2.4
6.7	10.5	9.8	9.2	8.6	8.0	7.5	7.1	6.6	6.2	5.8	5.1	4.5	3.9	3.5	3.0	2.7	2.3
6.8	10.2	9.5	8.9	8.4	7.9	7.4	6.9	6.5	6.1	5.7	5.0	4.4	3.8	3.4	3.0	2.6	2.3
6.9	9.9	9.3	8.7	8.1	7.6	7.2	6.7	6.3	5.9	5.5	4.8	4.3	3.7	3.3	2.9	2.5	2.2
7.0	9.6	9.0	8.4	7.9	7.4	6.9	6.5	6.1	5.7	5.3	4.7	4.1	3.6	3.2	2.8	2.4	2.1
7.1	9.2	8.6	8.0	7.5	7.1	6.6	6.2	5.8	5.4	5.1	4.5	3.9	3.5	3.0	2.7	2.3	2.0
7.2	8.7	8.2	7.6	7.2	6.7	6.3	5.9	5.5	5.2	4.9	4.3	3.7	3.3	2.9	2.5	2.2	1.9
7.3	8.2	7.7	7.2	6.7	6.3	5.9	5.6	5.2	4.9	4.6	4.0	3.5	3.1	2.7	2.4	2.1	1.8
7.4	7.6	7.2	6.7	6.3	5.9	5.5	5.2	4.8	4.5	4.3	3.7	3.3	2.9	2.5	2.2	1.9	1.7
7.5	7.0	6.6	6.2	5.8	5.4	5.1	4.8	4.5	4.2	3.9	3.4	3.0	2.6	2.3	2.0	1.8	1.6
7.6	6.4	6.0	5.6	5.3	5.0	4.6	4.3	4.1	3.8	3.6	3.1	2.7	2.4	2.1	1.9	1.6	1.4
7.7	5.8	5.4	5.1	4.7	4.4	4.2	3.9	3.7	3.4	3.2	2.8	2.5	2.2	1.9	1.7	1.5	1.3
7.8	5.1	4.8	4.5	4.2	4.0	3.7	3.5	3.2	3.0	2.8	2.5	2.2	1.9	1.7	1.5	1.3	1.1
7.9	4.5	4.2	3.9	3.7	3.5	3.2	3.1	2.8	2.7	2.5	2.2	1.9	1.7	1.5	1.3	1.1	1.0
8.0	3.9	3.7	3.4	3.2	3.0	2.8	2.6	2.5	2.3	2.2	1.9	1.7	1.5	1.3	1.1	1.0	0.8
8.1	3.4	3.1	2.9	2.8	2.6	2.4	2.3	2.1	2.0	1.9	1.6	1.4	1.2	1.1	1.0	0.8	0.7
8.2	2.9	2.7	2.5	2.4	2.2	2.1	1.9	1.8	1.7	1.6	1.4	1.2	1.1	0.9	0.8	0.7	0.6
8.3	2.4	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.5
8.4	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.7	0.7	0.6	0.5	0.4
8.5	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.4
8.6	1.4	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.3
8.7	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.2
8.8	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2
8.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2
9.0	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1

(3) Without sufficient and reliable data, it is assumed that Early Life Stages are present and must be protected at all times of the year.

(4) Early Life Stages absent CCC = $[0.0577 / (1 + 10^{7.688 - \text{pH}})] + [2.487 / (1 + 10^{\text{pH} - 7.688})] * 1.45 * 10^{0.028 * (\text{25} - \text{MAX}(\text{T}, 7))}$

Table B3 - Chronic Criteria for Total Ammonia Nitrogen (mg N/L): Early Life Stages present (5)

pH	Temperature (°C)									
	0	14	16	18	20	22	24	26	28	30
6.5	6.6	6.6	6.0	5.3	4.6	4.1	3.6	3.1	2.8	2.4
6.6	6.5	6.5	5.9	5.2	4.6	4.0	3.5	3.1	2.7	2.4
6.7	6.4	6.4	5.8	5.1	4.5	3.9	3.5	3.0	2.7	2.3
6.8	6.2	6.2	5.7	5.0	4.4	3.8	3.4	3.0	2.6	2.3
6.9	6.1	6.1	5.5	4.8	4.3	3.7	3.3	2.9	2.5	2.2
7.0	5.9	5.9	5.3	4.7	4.1	3.6	3.2	2.8	2.4	2.1
7.1	5.6	5.6	5.1	4.5	3.9	3.5	3.0	2.7	2.3	2.0
7.2	5.3	5.3	4.9	4.3	3.7	3.3	2.9	2.5	2.2	1.9
7.3	5.0	5.0	4.6	4.0	3.5	3.1	2.7	2.4	2.1	1.8
7.4	4.7	4.7	4.3	3.7	3.3	2.9	2.5	2.2	1.9	1.7
7.5	4.3	4.3	3.9	3.4	3.0	2.6	2.3	2.0	1.8	1.6
7.6	3.9	3.9	3.6	3.1	2.7	2.4	2.1	1.9	1.6	1.4
7.7	3.5	3.5	3.2	2.8	2.5	2.2	1.9	1.7	1.5	1.3
7.8	3.1	3.1	2.8	2.5	2.2	1.9	1.7	1.5	1.3	1.1
7.9	2.8	2.8	2.5	2.2	1.9	1.7	1.5	1.3	1.1	1.0
8.0	2.4	2.4	2.2	1.9	1.7	1.5	1.3	1.1	1.0	0.8
8.1	2.1	2.1	1.9	1.6	1.4	1.2	1.1	1.0	0.8	0.7
8.2	1.7	1.7	1.6	1.4	1.2	1.1	0.9	0.8	0.7	0.6
8.3	1.5	1.5	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.5
8.4	1.2	1.2	1.1	1.0	0.9	0.7	0.7	0.6	0.5	0.4
8.5	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.4
8.6	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.3
8.7	0.7	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.2
8.8	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2
8.9	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2
9.0	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1

(5) Early Life Stages present: CCC $[0.0577 / (1+10^{7.688-pH})] + [2.487 / (1+10^{pH-7.688})] * \text{MIN}(2.85, 1.45 * 10^{0.028 * (25 - T)})$

Table C - Waters Designated for Cold-Water Fishery

Water Body	Miles/Acres	From	To	County(ies)
Barren Fork	2.0	Mouth	20,31N,4W	Shannon
Bee Creek	1.0	Mouth	Hwy. 65	Taney
Bender Creek	0.7	Mouth	10,31N,9W	Texas
Bennett Springs Creek	2.0	Mouth	Bennett Springs	Laclede
Blue Springs Creek	4.0	Mouth	2,39N,3W	Crawford
Bryant Creek	1.0	3,23N,12W	34,24N,12W	Ozark
Bryant Creek	6.0	19,27N,14W	8,27N,15W	Douglas
Buffalo Creek	10.0	State line	5,23N,33W	McDonald
Bull Creek	5.0	Mouth	34,24N,21W	Taney
Bull Shoals Lake	9,000.0	21/34,20N,15W		Ozark
Capps Creek	4.0	Mouth	17,25N,28W	Newton Barry
Cedar Creek	1.0	21,26N,32W	28,26N,32W	Newton
Center Creek	3.0	24,27N,29W	17,27N,28W	Lawrence
Chesapeake Creek	3.0	Mouth	29,28N,25W	Lawrence
Crane Creek	15.0	8,25N,23W	24,26N,25W	Stone Lawrence
Current River	19.0	24,31N,6W	Montauk Spring	Shannon Dent
Dogwood Creek	2.3	Mouth	State line	Stone
Dry Creek	4.0	Mouth	14,37N,3W	Crawford
Eleven Point River	33.5	State line	36,25N,4W	Oregon
Flat Creek	3.0	9,23N,27W	21,23N,27W	Barry
Goose Creek	4.0	Mouth	10,28N,25W	Lawrence
Greer Spring Branch	1.0	Mouth	36,25N,4W	Oregon
Hickory Creek	4.5	13,25N,31W	28,25N,31W	Newton
Hobbs Hollow	2.7	Mouth	State line	Stone
Horse Creek	2.2	Mouth	23,35N,8W	Dent
Hunter Creek	5.0	22,26N,15W	20,26N,14W	Douglas
Hurricane Creek	1.5	Mouth	30,24N,12W	Ozark
Hurricane Creek	3.2	Mouth	22,25N,3W	Oregon
Indian Creek	1.4	Mouth	17,21N,23W	Stone
Indian Creek	20.0	Mouth	36,39N,01W	Franklin Washington
Johnson Creek	3.0	Mouth	36,29N,26W	Lawrence
Joyce Creek	1.0	17,24N,28W	16,24N,28W	Barry
L. Flat Creek	3.5	Mouth	25,25N,27W	Barry
L. Piney Creek	15.0	25,37N,9W	4,35N,8W	Phelps
L. Piney Creek	4.0	04,35N,08W	21,35N,08W	Phelps
L. Sinking Creek	2.2	Mouth	33,32N,4W	Dent
Lake Taneycomo	1,730.0	8,23N,20W		Taney
Lyman Creek	1.0	Mouth	30,40N,3W	Crawford
Maramec Spring Branch	1.0	Mouth	1,37N,6W	Phelps
Meramec River	10.0	22,38N,5W	Hwy. 8	Crawford
Mill Creek	1.5	Mouth	11,40N,8W	Maries
Mill Creek	1.5	Mouth	9,36N,18W	Dallas
Mill Creek	5.0	29,37N,9W	Yelton Spring	Phelps
N. Fork White River	23.0	09,22N,12W	34,25N,11W	Ozark
Niangua River	6.0	11,35N,18W	Bennett Sp. Creek	Dallas
Roaring River	7.0	Mouth	34,22N,27W	Barry
Roark Creek	3.0	Mouth	36,23N,22W	Taney
Roubidoux Creek	4.0	Mouth	25,36N,12W	Pulaski
S. Indian Creek	9.0	24,24N,31W	1,23N,30W	Newton
Schafer Spring Creek	2.0	Mouth	20,32N,6W	Dent
Shoal Creek	1.0	Mouth	18,41N,17W	Morgan
Shoal Creek	7.0	09,25N,29W	16,22N,21W	Newton
Spring Branch	1.0	Mouth	18,41N,17W	Morgan
Spring Creek	5.0	Mouth	14,23N,11W	Ozark
Spring Creek	6.5	Mouth	31,35N,9W	Phelps
Spring Creek	2.5	Mouth	4,41N,2W	Franklin
Spring Creek	5.5	Mouth	12,26N,24W	Stone
Spring Creek	6.0	Mouth	06,24N,13W	Douglas Ozark
Spring Creek	2.5	Mouth	26,25N,11W	Douglas

Spring Creek	4.0	Mouth	30,25N,4W	Oregon
Spring River	11.2	13,27N,27W	20,26N,26W	Lawrence
Stone Mill Spring Branch	0.2	Mouth	Spring	Pulaski
Terrell Creek	2.0	Mouth	2,27N,23W	Christian
Tory Creek	2.5	Mouth	27,26N,22W	Stone Christian
Turkey Creek	2.0	Mouth	16,22N,21W	Taney
Turkey Creek	1.0	Mouth	17,23N,15W	Ozark
Turnback Creek	14.0	35,30N,26W	24,28N,25W	Dade Lawrence
Warm Fork Spring River	3.0	6,22N,5W	30,23N,5W	Oregon
Whittenburg Creek	2.5	Mouth	Hwy. 8	Crawford
Williams Creek	1.0	Mouth	28,28N,27W	Lawrence
Woods Fork Bull Creek	1.0	15,25N,21W	15,25N,21W	Christian
Yadkin Creek	3.0	Mouth	9,37N,4W	Crawford
Yankee Branch	1.0	Mouth	10,36N,4W	Crawford

Table D - Outstanding National Resource Waters

Water Body	Location	County(ies)
Current River	Headwaters to Northern Ripley Co. Line Sec. 22,32N,07W to Sec. 15,25N,01E	Dent to Ripley
Jacks Fork River	Headwaters to Mouth Sec. 29,28N,07W to Sec. 9/15,29N,03W	Texas to Shannon
Eleven Point River	Headwaters to Hwy. 142 Sec. 32,25N,05W to Sec. 21,22N,02W	Oregon

Table E - Outstanding State Resource Waters

Water Body	Miles/Acres	Location	County(ies)
Baker Branch	4mi.	Taberville Prairie	St. Clair
Bass Creek	1 mi.	in Three Creek Conservation Area	Boone
Big Buffalo Creek	1.5 mi.	Big Buffalo Creek Conservation Area	Benton/Morgan
Big Creek	5.3 mi.	Sam A. Baker State Park	Wayne
Big Sugar Creek	7 mi.	Cuivre River State Park	Lincoln
Big Lake Marsh	150 ac.	Big Lake State Park	Holt
Blue Springs Creek	4 mi.	Blue Spring Creek Conservation Area	Crawford
Bonne Femme Creek	2 mi.	Three Creeks Conservation Area	Boone
Brush Creek	0.7 mi.	Bonanza Conservation Area	Caldwell
Bryant Creek	1.5 mi.	Bryant Creek Natural Area in ConRippee Conservation Area	Ozark/Douglas
Bull Creek	8 mi.	Mark Twain National Forest Sec. 24,25N,21W to Sec. 22,26N,20W	Christian
Cathedral Cave Branch	5 mi.	Onondaga Cave State Park	Crawford
Chariton River	9.8 mi.	Rebels Cove Conservation Area	Putnam/Schuyler
Chloe Lowry Marsh	40 ac.	Chloe Lowry Marsh Conservation Area	Mercer
Coakley Hollow	1.5 mi.	Lake of the Ozarks State Park	Camden
Coonville Creek	2 mi.	St. Francois State Park	St. Francois
Courtois Creek	12 mi.	Mouth to Hwy. 8	Crawford
Crabapple Creek	1.0 mi.	Bonanza Conservation Area	Caldwell
Devils Ice Box Cave Branch	1.5 mi.	Rock Bridge State Park	Boone
East Fork Black River	3 mi.	Johnson's Shut Ins State Park	Reynolds
First Nicholson Creek (East Drywood Creek)	2 mi.	Prairie State Park	Barton
Gan's Creek	3 mi.	Rock Bridge State Park	Boone
Huzzah Creek	6 mi.	Mouth to Hwy. 8	Crawford
Indian Creek	17.5 mi.	Mark Twain National Forest	Douglas/Howell
Ketchum Hollow	1.5 mi.	Roaring River State Park	Barry
Little Piney Creek	25 mi.	Mouth to 21,35N,08W	Phelps
Little Black River	3 mi.	Mud Puppy Natural History Area S22,T24N,R3E to S25,T24N,R3E	Ripley
Log Creek	0.4 mi.	Bonanza Conservation Area	Caldwell
Meramec River	8 mi.	Adjacent to Meramac State Park	Crawford/Franklin
Meramec River	3 mi.	Adjacent to Onondaga and Huzzah State Forest	Crawford
Mill Creek	5 mi.	Mark Twain National Forest	Phelps
N. Fork White River	5.5 mi.	Mark Twain National Forest	Ozark
Noblett Creek	5 mi.	Above Noblett Lake, Mark Twain National Forest	Douglas Howell
Onondaga Cave Branch	0.6 mi.	Onondaga Cave State Park	Crawford
Pickle Creek	3 mi.	Hawn State Park	Ste. Genevieve
S. Prong L. Black River	2 mi.	In Little Black Conservation Area	Ripley
Shoal Creek	0.5 mi.	Bonanza Conservation Area	Caldwell
Spring Creek	17 mi.	Mark Twain National Forest	Douglas
Spring Creek	6.5 mi.	Mark Twain National Forest	Phelps
Taum Sauk Creek	5.5 mi.	Johnson's Shut Ins State Park Addition S23,T33N,R2E to S5,T33N,R3E	Reynolds Iron
Turkey Creek	4.6 mi.	In Three Creeks Conservation Area	Boone
Van Meter Marsh	80 ac.	Van Meter State Park	Saline
Whetstone Creek	5.1 mi.	Whetsone Creek Conservation Area	Callaway

Table F - Metropolitan No-Discharge Streams

Stream	Location
<u>St. Louis Area</u>	
Gravois Creek	Entire length
Creve Coeur Creek	Creve Coeur Lake and stream above lake
Fee Fee Creek	Entire length
Coldwater Creek	Entire length
Dardeene Creek	Route DD I 70 Highway St. Charles County
Belleau Creek	Headwaters 0.1 mi. west of east edge of S22,T47N,R3E
Fishpot Creek	Entire length
Grand Glaize Creek	Entire length
<u>Kansas City Area</u>	
Indian Creek	Kansas state line to confluence with Blue River
Blue River	Kansas state line to 59th Street, Kansas City
Blue River (except combined sewer overflow from Brush Creek)	59th Street to Guinotte Dam
Little Blue River	Entire Length
<u>Springfield Area</u>	
Pearson Creek	Entire Length

Table G-Lake Classifications and Use Designations

NOTE: Fishing, Swimming and livestock watering may not be allowed in some lakes by the local management authorities. The use designations refer only to the protection of water quality for those potential uses.

WATER BODY	CLASS	ACRES	LOCATION	COUNTY(IES)	LWP	WWH	CDH	WBC	SCR	DWS	IND
Adrian Reservoir	L1	45.0	03,41N,31W	Bates	X	X		B	X	X	
Agate Lake	L3	210.7	13,60N,06W	Lewis	X	X		A	X		
Alpine Lake	L3	233.0	13,46N,2W	Warren	X	X		A	X		
Amarugia Lake	L3	39.0	10/11,43N,32W	Cass	X	X		B	X		
Anderson's Whippoorwill Farm Lake	L3	30.0	SW SE 28,28N,11E	Stoddard	X	X		B	X		
Anthories Mill Lake	L3	91.0	SW SW 19,39N,01W	Washington	X	X		B	X		
Antimi Lake	L3	2.0	NE NE 3,48N,12W	Boone	X	X		B	X		
Apollo Lake	L3	15.0	21,36N,05E	St. Francois	X	X		B	X		
Appleton City Lake	L1	35.0	12,39N,29W	Bates	X	X		B	X	X	
Archie Lakes	L1	7.3	SESE28,43N,31W	Cass	X	X		B	X	X	
Armstrong Lake	L1	8.0	NE NE 28,52N,16W	Howard	X	X		B	X	X	
Arno Kreter Lake	L3	5.0	27,41N,5W	Gasconade	X	X		B	X		
Athens State Park Lake	L3	8.0	30,67N,07W	Clark	X	X		A	X		
Atkinson Lake	L3	434.0	6,37N,28W	St. Clair	X	X		A	X		
Atlanta City Lake	L1	17.0	SE SW29,59N,14W	Macon	X	X		B	X	X	
August A Busch Lake Number 34	L3	34.0	Landgrant01669	St. Charles	X	X		B	X		
August A Busch Lake Number 35	L3	51.0	Landgrant01669	St. Charles	X	X		B	X		
August A Busch Lake Number 37	L3	30.0	27,46N,2E	St. Charles	X	X		B	X		
Austin Community Lake	L3	21.0	30,29N,11W	Texas	X	X		A	X		
Autumn Lake	L3	4.0	21,40N,16W	Camden	X	X		B	X		
Baha Trail Lake	L3	16.0	05,39N,01E	Washington	X	X		B	X		
Baring Country Club Lake	L1	85.0	26,63N,12W	Knox	X	X		A	X	X	
Bass Lake	L3	29.0	13,47N,08W	Callaway	X	X		A	X		
Bean Lake	L3	420.0	12,13,14,23, 24, 54N,37W	Platte	X	X		B	X		
Bear Creek Watershed Structure F-1	L3	27.0	6,63N,9W	Clark	X	X		B	X		
Bear Creek Watershed Structure X-5	L3	34.0	15,64N,10W	Scotland	X	X		B	X		
Beaver Lake	L3	14.0	22,25N,04E	Butler	X	X		A	X		
Bee Run Lake Number One	L3	5.0	26,38N,4E	St. Francois	X	X		B	X		
Bee Run Lake Number Three	L3	6.0	24,38N,4E	St. Francois	X	X		B	X		
Bee Run Lake Number Two	L3	4.0	23,38N,4E	St. Francois	X	X		B	X		
Bee Tree Lake	L3	10.0	03,42N,06E	St. Louis	X	X		B	X		
Belcher Branch Lake	L3	42.0	08/17,55N,34W	Buchanan	X	X		B	X		
Belle City Lake	L3	6.0	20,41N,07W	Maries	X	X		B	X		
Belleview Lake	L1	105.0	16,61N,9W	Lewis	X	X		B	X	X	
Ben Branch Lake	L3	37.0	15/14,44N,08W	Osage	X	X		B	X		
Bennitt Lake	L3	47.0	2,51N,14W	Howard	X	X		B	X		
Bernldt Lake	L1	21.0	NE SW30,66N,23W	Mercer	X	X		B	X	X	
Bevier Lake	L3	5.0	S SE,14,57N,15W	Macon	X	X		B	X		
Big Buffalo C.A. Lakes	L3	7.9	2,12,41N,20W	Benton	X	X		B	X		
Big Lake	L3	666.0	18&19,30,61N,39W	Holt	X	X		A	X		
Big Lake	L3	25.0	6,48N,7W	Callaway	X	X		B	X		
Big Oak Tree S.P. Lake	L3	33.0	14,23N,16E	Mississippi	X	X		B	X		
Big Soldier Lake	L3	5.0	36,50N,19W	Saline	X	X		B	X		
Bilby Ranch Lake	L3	95.0	13/24,64N,38W	Nodaway	X	X		B	X		
Binder Lake	L3	127.0	SW SE36,45N,13W	Cole	X	X		B	X		
Blind Pony Lake	L3	96.0	NW SE18,49N,22W	Saline	X	X		B	X		
Bloodland Lake (Ft. Wood)	L3	38.1	04,34N,11W	Pulaski	X	X		B	X		
Blue Mountain Lake	L1	14.0	NW SE,09,33N,5E	Madison	X	X		B	X	X	
Blue Springs Lake	L3	642.0	33 ,49N,31W	Jackson	X	X		A	X		
Blues Pond	L3	10.0	09,37N,08W	Phelps	X	X		B	X		
Bluestem Lake	L3	13.0	22,47N,31W	Jackson	X	X		B	X		
Bo Co Mo Lake	L3	140.0	NW NE10,49N,13W	Boone	X	X		B	X		
Bodarc Lake	L3	13.0	23,47N,31W	Jackson	X	X		B	X		
Boggs Lake	L3	32.0	21-28,44N,05W	Gasconade	X	X		B	X		

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Bonne Aqua Lake	L3	6.0	SE NE 26,38N,04E	St. Francois	X	X		B	X		
Bonne Terre City Lake	L3	10.0	SUR 467,37N,04E	St. Francois	X	X		B	X		
Bowling Green Reservoir	L1	41.0	W NW29,53N,02W	Pike	X	X		B	X	X	
Brays Lake	L3	162.0	NE NW35,37N,08W	Phelps	X	X		B	X		
Breckenridge Lake	L1	13.0	NE SW3,57N,26W	Caldwell	X	X		B	X	X	
Brookfield Lake	L1	120.0	SE SE33,58N,19W	Linn	X	X		B	X	X	
Browning Lake	L3	120.0	22,25,26,27,3N,22E	Buchanan	X	X		B	X		
Bucklin Lake	L1	17.0	11,57N,18W	Linn	X	X		B	X	X	
Buffalo Bill Lake	L3	45.0	28,58N,31W	DeKalb	X	X		B	X		
Buffalo Lake	L3	2.0	9,48N,7W	Callaway	X	X		B	X		
Bull Shoals Lake	L2	9,000.0	21/34,20N,15W	Ozark	X	X	X	A	X		
Burlington Lake	L3	21.0	34,57N,30W	Clinton	X	X		B	X		
Bushwacker Lake	L3	148.0	26,34N,32W	Vernon	X	X		B	X		
Butler Lake	L1	71.0	NW NE14,40N,32W	Bates	X	X		B	X	X	
Butterfly Lake	L3	65.0	NW NE34,36N,07E	Ste. Genevieve	X	X		B	X		
C and A Lake	L3	39.0	25,51N,09W	Audrain	X	X		B	X		
Callaway Lake	L3	135.0	06,45N,02E	St. Charles	X	X		A	X		
Cameron Lake #1	L1	25.0	SW SW10,57N,30W	DeKalb	X	X		B	X	X	
Cameron Lake #2	L1	31.0	SW SW10,57N,30W	DeKalb	X	X		B	X	X	
Cameron Lake #3	L1	92.0	NW NE09,57N,30W	DeKalb	X	X		B	X	X	
Cameron Lake #4 (Grindstone Reservoir)	L1	173.0	NE NW 08,57N,30W	DeKalb	X	X		B	X	X	
Camp Solidarity Lake	L3	10.0	24,43N,02E	Franklin	X	X		B	X		
Carrollton Recreation Lake	L3	61.0	SE NW07,52N,23W	Carroll	X	X		B	X		
Catclaw Lake	L3	42.0	14,47N,31W	Jackson	X	X		B	X		
Cattail Lake	L3	4.0	5,46N,15W	Cooper	X	X		B	X		
Cedar Hill Lake Number 1	L3	10.0	35,42N,3E	Jefferson	X	X		A	X		
Cedar Hill Lake Number 2	L3	10.0	35,42N,3E	Jefferson	X	X		A	X		
Cedar Hill Lake Number 3	L3	2.0	35,42N,3E	Jefferson	X	X		A	X		
Cedar Lake	L3	21.0	35,48N,13W	Boone	X	X		A	X		
Cedar Lake	L3	45.0	SE SE 21,37N,05E	St. Francois	X	X		A	X		
Charity Lake	L3	9.0	NW SE 1,65N,41W	Atchison	X	X		B	X		
Chaumiere Lake	L3	3.0	6,50N,32W	Clay	X	X		B	X		
Church Lake	L3	3.0	4,46N,15W	Moniteau	X	X		B	X		
City Lake Harrisonville	L1	28.0	34,45N,31W	Cass	X	X		B	X	X	
Clarence Cannon Memorial Structure Number 4	L3	9.0	Landgrant01743	Lincoln	X	X		B	X		
Clarence Cannon Memorial Watershed Structure Number 1 Reservoir	L3	23.0	28,51N,1E	Lincoln	X	X		B	X		
Clarence Cannon Memorial Watershed Structure Number 15	L3	20.0	Landgrant01819	Lincoln	X	X		B	X		
Clarence Lake #2	L1	31.0	15,57N,12W	Shelby	X	X		B	X	X	
Clear Fork Lake	L3	16.0	30,46N,24W	Johnson	X	X		B	X		
Clear Lake	L3	13.0	36 39N,4E	Jefferson	X	X		A	X		
Clearwater Lake	L2	1,635.0	6,28N,3E	Wayne	X	X		A	X		
Cleveland Reservoir	L1	10.0	29,45N,33W	Cass	X	X		B	X	X	
Clover Dell Park Lake	L3	10.0	13,45N,22W	Pettis	X	X		B	X		
Cloverleaf Farm Lake	L3	50.0	19,47N,1E	St. Charles	X	X		B	X		
Cole Lake	L3	40.0	SE10,38N,04E	Jefferson	X	X		A	X		
Cool Valley Lake	L3	19.0	9,40N,2E	Franklin	X	X		B	X		
Cooley Lake	L3	380.0	02,03,11, 51N,30W	Clay	X	X		B	X		
Coot Lake	L3	20.0	22,47N,31W	Jackson	X	X		B	X		
Cosmo-Bethel Lake	L3	6.0	NW36,48N,13W	Boone	X	X		B	X		
Cottontail Lake	L3	22.0	14,47N,31W	Jackson	X	X		B	X		
Council Bluff Lake	L3	423.0	23,35N,01E	Iron	X	X		A	X		
Crane Lake	L3	109.0	W33,32N,04E	Iron	X	X		B	X		
Creighton Lake	L1	18.0	NW SE,14,43N,29W	Cass	X	X		B	X	X	
Crescent Lake	L3	8.0	NE 02,41N,01W	Franklin	X	X		B	X		
Creve Coeur Lake	L3	327.0	20,46N,05E	St. Louis	X	X		B	X		

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Crowder St. Park Lake	L3	18.0	12,61N,25W	Grundy	X	X		A	X		
Crystal Lake	L3	122.0	NW SW32,53N,29W	Ray	X	X		A	X		X
Cut-Off Lake	L3	148.5	01,12,57N,36W	Buchanan	X	X		B	X		
Cut-Off Lake	L3	674.0	26,27,34,35,53N,19W	Chariton	X	X		B	X		
D C Rogers Lake	L1	195.0	NW NW10,50N,16W	Howard	X	X		B	X		X
Dairy Farm Lake Number 1	L3	14.0	Landgrant02835	Boone	X	X		B	X		
Daniel Boone Lake	L3	288.0	32,58N,12W	Shelby	X	X		B	X		
Davis Lake	L3	44.0	NE NW15,50N,16W	Howard	X	X		B	X		
Dearborn Reservoir	L1	7.0	31,55N,34W	Buchanan	X	X		B	X		X
Deer Ridge Community Lake	L3	45.0	18,62N,8W	Lewis	X	X		B	X		
Deer Run Lake	L3	31.0	19,34N,7E	Madison	X	X		B	X		
Delaney Lake	L3	100.0	30,27N,16E	Mississippi	X	X		B	X		
Dexter City Lake	L3	11.0	22,25N,10E	Stoddard	X	X		B	X		
Downing Reservoir	L1	22.0	17,66N,13W	Schuyler	X	X		B	X		X
Drexel City Reservoir South	L1	51.0	7,42N,33W	Bates	X	X		B	X		
Drexel Lake	L1	28.0	6, 42N,33W	Bates	X	X		B	X		
Duck Creek	L3	1,730.0	31,28N,09E; 5, 27N, 9E	Wayne	X	X		B	X		
Eagle Sky Lake	L1	62.0	NW NW35,30N,04E	Wayne	X	X		B	X		X
Eagleville Lake	L1	40.0	33,66N,27W	Harrison	X	X		A	X		X
East Arrowhead Lake	L3	55.0	SE SE18,23N,08W	Howell	X	X	X	A	X		
Edina Lake	L1	9.0	07,62N,11W	Knox	X	X		B	X		
Edina Reservoir	L1	51.0	12,62N,11W	Knox	X	X		B	X		
Edwin A Pape Lake	L1	272.5	20,48N,24W	Lafayette	X	X		B	X		
Ella Ewing Community Lake	L3	12.0	21,64N,10W	Scotland	X	X		A	X		
Elmwood City Lake	L1	197.0	NW 35,63N,20W	Sullivan	X	X		B	X	X	X
Elsie Lake	L3	17.0	30,37N,02E	Washington	X	X		A	X		
Ethel Lake	L1	23.0	NE NW36,59N,17W	Macon	X	X		B	X		
Ewing Lake	L1	38.0	6,60N,7W	Lewis	X	X		B	X		
Fawn Lake	L3	26.0	13,43N,02W	Franklin	X	X		B	X		
Fellows Lake	L1	800.0	NW NE22,30N,21W	Greene	X	X		A	X		
Finger Lakes	L3	118.0	19,30,31,50N,12W,24,25,36,5 0N13W	Boone	X	X		A	X		
Flat Rock Lake	L3	18.0	31,41N,3E	Jefferson	X	X		B	X		
Flight Lake	L3	100.0	26,36N,32W	Vernon	X	X		B	X		
Fon-Du-Lac Reservoir	L3	24.0	Landgrant01331	Jefferson	X	X		A	X		
Forest Lake	L1	580.0	SE SW14,62N,16W	Adair	X	X		A	X		X
Fountain Grove Lakes	L3	1,366.3	35,57N,22W	Linn	X	X		B	X		
Fourche Lake	L3	49.0	22,23N,1W	Ripley	X	X		A	X		
Fox Valley Lake	L3	105.0	27,66N,8W	Clark	X	X		B	X		
Foxboro Lake	L3	22.0	14,42N,4W	Franklin	X	X		B	X		
Foxtail Lake	L3	3.0	4,46N,1W	Warren	X	X		B	X		
Fredricktown City Lake	L1	80.0	06,33N,07E	Madison	X	X		B	X		
Freeman Lake	L1	13.0	SW SW18,44N,32W	Cass	X	X		B	X		
Frisco Lake	L3	5.0	SE SE 02,37N,08W	Phelps	X	X		B	X		
Garden City Lake	L1	26.0	31,44N,29W	Cass	X	X		B	X		X
Garden City New Lake	L1	39.0	NW 18,43N,29W	Cass	X	X		B	X		X
Gerald City Lake	L3	5.0	12,42N,4W	Franklin	X	X		B	X		
Glover Spring Lake	L3	23.0	13,47N,09W	Callaway	X	X		B	X		
Goff Spring Lake	L3	13.0	23,38N,4E	St. Francois	X	X		B	X		
Golden Eagle Lake	L3	105.0	SE SW16,48N,04W	Montgomery	X	X		B	X		
Goose Creek Lake	L3	316.0	25,38N,6E	Ste. Genevieve	X	X		A	X		
Gopher Lake	L3	38.0	23,47N,31W	Jackson	X	X		B	X		
Gower Lake	L1	11.0	10,55N,33W	Clinton	X	X		B	X		X
Green City Lake	L1	57.0	SE NE16,63N,18W	Sullivan	X	X		B	X		X
Green City Lake (Old)	L1	60.0	SE 18,63N,18W	Sullivan	X	X		A	X		X
Hager Lake	L3	9.0	SUR 2969,35N,05E	St. Francois	X	X		B	X		
Hamilton Lake	L1	80.0	SW SW15,57N,28W	Caldwell	X	X		B	X		
Happy Holler Lake	L3	68.0	8,60N,34W	Andrew	X	X		B	X		
Harmony Mission Lake	L3	96.0	15,38N,32W	Bates	X	X		B	X		

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Harper Lake	L3	26.0	16,45N,32W	Cass	X	X		B	X		
Harrison County Lake	L1	280.0	17,30,65N,28W	Harrison	X	X		B	X	X	
Harrisonville City Lake	L1	419.0	SW SW26,46N,31W	Cass	X	X		B	X	X	
Harry S Truman Reservoir	L2	55,600.0	7,40N,22W	Benton	X	X		A	X	X	
Hazel Creek Lake	L1	518.0	1,63N,16W	Adair	X	X		B	X	X	
Hazel Hill Lake	L3	62.0	27,47N,26W	Johnson	X	X		B	X		
Helvey Park Lake	L1	11.0	26,53N,33W	Clay	X	X		B	X	X	
Hemite Lake	L3	215.0	19,35N,4E	St. Francois	X	X		B	X		
Henke Lake	L3	22.0	20,46N,9W	Callaway	X	X		B	X		
Henry Sever Lake	L3	153.0	14,60N,10W	Knox	X	X		A	X		
Hermit Hollow Lake	L3	8.0	29,44N,02E	Franklin	X	X		B	X		
Hi Point Lake	L3	3.0	24,39N,01E	Washington	X	X		B	X		
Higbee Lake	L1	13.0	SE SW09,52N,14W	Randolph	X	X		B	X	X	
Higginsville Reservoir (North)	L1	47.0	NE SW04,49N,25W	Lafayette	X	X		B	X	X	
Higginsville Reservoir (South)	L1	147.1	SW NE09,49N,25W	Lafayette	X	X		B	X	X	
Holden City Lake	L1	290.2	29,46N,28W	Johnson	X	X		B	X	X	
Holden Lake	L3	11.0	12,45N,28W	Johnson	X	X		B	X		
Holden Lake	L3	11.0	07,45N,27W	Johnson	X	X		B	X		
Holiday Acres Lake	L3	206.1	SE SW17,55N,14W	Randolph	X	X		B	X		
Horseshoe Lake	L3	56.0	15,56N,36W	Buchanan	X	X		B	X		
Horseshoe Lake	L3	5.0	8,48N,7W	Callaway	X	X		B	X		
Hough Park Lake	L3	10.0	19,44N,11W	Cole	X	X		B	X		
Houston Lake	L3	16.0	NW 33,51N,33W	Platte	X	X		A	X		
Howell Mill Lakes	L3	97.0	17,36N,01E	Washington	X	X		A	X		
Hunnewell Lake	L3	228.0	NW SW25,57N,09W	Shelby	X	X		B	X		
Hurdland Severs Lake	L3	13.0	1,61N,13W	Knox	X	X		A	X		
Incline Village Lake	L3	165.0	6,47N,1E	St. Charles	X	X		B	X		
Indian Creek Community Lake	L3	199.0	27,59N,25W	Livingston	X	X		B	X		
Indian Lake	L3	279.0	22,15,23,39N,05W	Crawford	X	X		A	X		
Iron Mountain Lake	L3	79.0	SE SW32,35N,04E	St. Francois	X	X		B	X		
Izaak Walton Lake	L3	11.0	32,36N,31W	Vernon	X	X		B	X		
Jackass Bend	L3	200.0	32,51N,29W	Ray	X	X		B	X	X	
Jackrabbit Lake	L3	28.0	15,47N,31W	Jackson	X	X		B	X		
Jamesport City Lake	L1	16.0	22,60N,26W	Daviess	X	X		B	X	X	
Jamesport Community Lake	L1	27.0	NE 20,60N,26W	Daviess	X	X		A	X	X	
Jasper Lake	L3	43.0	12,60N,06W	Lewis	X	X		A	X		
Jaycee Park Lake	L3	8.0	17,44N,12W	Cole	X	X		B	X		
Jo Lee Lake	L3	8.0	NESE 19,36N,5E	St. Francois	X	X		B	X		
Johnson Lake	L3	14.0	6,46N,15W	Cooper	X	X		B	X		
Junges Lake	L3	37.0	10,41N,21W	Benton	X	X		A	X		
Kahrs-Boger Park Lake	L3	2.0	15,44N,20W	Pettis	X	X		B	X		
Kellogg Lake	L3	22.0	34,29N,31W	Jasper	X	X		A	X		
King City Lake (South)	L1	29.0	SW SW34,61N,32W	Gentry	X	X		B	X	X	
King City New Reservoir	L1	25.4	28,61N,32W	Gentry	X	X		B	X	X	
King City Old Reservoir	L1	12.0	SW NE28,61N,32W	Gentry	X	X		B	X	X	
King Lake	L3	204.0	13,60N,32W	DeKalb	X	X		A	X	X	
Kiwanis Lake	L3	4.0	SW23,51N,9W	Audrain	X	X		B	X		
Klontz Lake	L3	14.0	02,39N,04W	Crawford	X	X		A	X		
Knox Village Lake	L3	3.0	1,47N,32W	Jackson	X	X		B	X		
Koeneman Park Lake	L3	5.0	8,46N,07E	St. Louis	X	X		B	X		
Kraut Run Lake	L3	164.0	Landgrant00056	St. Charles	X	X		B	X		
L. Prairie Comm. Lake	L3	95.0	SE SE21,38N,7W	Phelps	X	X		B	X		
La Plata City Lake	L1	89.0	14,60N,14W	Macon	X	X		B	X	X	
La Plata Lake	L1	22.0	9,60N,14W	Macon	X	X		B	X	X	
Lac Benet Lake	L3	7.0	20,37N,4E	St. Francois	X	X		A	X		
Lac Bergerac	L3	7.0	19,37N,4E	St. Francois	X	X		A	X		
Lac Bourbon	L3	7.0	19,37N,4E	St. Francois	X	X		A	X		
Lac Calista	L3	5.0	28,37N,4E	St. Francois	X	X		A	X		
Lac Capri	L3	106.0	30,37N,4E	St. Francois	X	X		A	X		

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Lac Carmel	L3	55.0	18,37N,4E	St. Francois	X	X		A	X		
Lac Catalina	L3	5.0	19,37N,4E	St. Francois	X	X		A	X		
Lac Darcie	L3	4.0	19,37N,4E	St. Francois	X	X		A	X		
Lac Lafitte	L3	36.0	28,37N,4E	St. Francois	X	X		A	X		
Lac Marseilles	L3	48.0	29,37N,4E	St. Francois	X	X		A	X		
Lac Michel	L3	7.0	19,37N,4E	St. Francois	X	X		A	X		
Lac Renee	L3	4.0	20,37N,4E	St. Francois	X	X		A	X		
Lac Shayne	L3	76.0	25,37N,3E	Washington	X	X		A	X		
Lac Tiffany	L3	4.0	30,37N,4E	St. Francois	X	X		A	X		
Lac Veron	L3	3.0	30,37N,4E	St. Francois	X	X		A	X		
Lake Allaman	L3	6.0	NE 24,56N,30W	Clinton	X	X		A	X		
Lake Anne	L3	81.0	Landgrant02046	Ste. Genevieve	X	X		B	X		
Lake Annette	L3	65.0	01,44N,33W	Cass	X	X		B	X		
Lake Arrowhead	L3	101.0	18,54N,30W	Clinton	X	X		A	X		
Lake Arrowhead	L3	23.0	NW NE 31, 42N, 2E	Franklin	X	X		A	X		
Lake Boutin	L3	20.0	15,32N,14E	Cape Girardeau	X	X		A	X		
Lake Briarwood	L3	69.0	SW NE33,40N,04E	Jefferson	X	X		A	X		
Lake Buteo	L3	7.0	29,46N,24W	Johnson	X	X		B	X		
Lake Champetra	L3	58.0	NW13,45N,12W	Boone	X	X		A	X		
Lake Cherokee	L3	6.0	14,36N,03E	Washington	X	X		B	X		
Lake Contrary	L3	291.0	26,27N,57N,36W	Buchanan	X	X		A	X		
Lake Girardeau	L3	144.0	SW SW09,30N,11E	Cape Girardeau	X	X		B	X		
Lake Innsbrook	L3	37.0	8,46N,1W	Warren	X	X		A	X		
Lake Jacomo	L3	998.0	NE NW11,48N,31W	Jackson	X	X		A	X		
Lake Killarney	L3	61.0	NW NW01,33N,04E	Iron	X	X		A	X		
Lake Lacawanna	L3	10.0	SE SE 11,38N,05E	St. Francois	X	X		B	X		
Lake Lincoln	L3	51.0	8,49N,1E	Lincoln	X	X		A	X		
Lake Lochaweeno	L3	39.0	24,47N,08W	Callaway	X	X		A	X		
Lake Loraine	L3	37.0	SUR 1970, 41N,04E	Jefferson	X	X		A	X		
Lake Lotawana	L3	487.0	SE SE29,48N,30W	Jackson	X	X		A	X		
Lake Lucern	L3	43.0	6,46N,1W	Warren	X	X		A	X		
Lake Luna	L3	23.0	4,44N,31W	Cass	X	X		B	X		
Lake Marie	L3	60.0	NE NW 36,66N,24W	Mercer	X	X		A	X		
Lake McGinness	L3	50.0	NW20,55N,30W	Clinton	X	X		B	X		
Lake Montowese	L3	39.0	27,43N,4E	Jefferson	X	X		A	X		
Lake Nehai Tonkayea	L3	228.0	NW NE11,55N,18W	Chariton	X	X		A	X		
Lake Nell	L3	26.0	22,47N,31W	Jackson	X	X		B	X		
Lake Niangua	L3	256.0	19,37N,17W	Camden	X	X		A	X		X
Lake Northwood	L3	77.0	SE NE33,43N,05W	Gasconade	X	X		A	X		
Lake Ocie	L3	62.0	Landgrant00884	Ste. Genevieve	X	X		A	X		
Lake of the Oaks	L3	53.0	SE SW07,63N,06W	Clark	X	X		A	X		
Lake of the Ozarks	L2	59,520.0	SE SE19,40N,15W	Camden	X	X		A	X		X
Lake of the Woods	L3	3.0	NE SW 02,48N,12W	Boone	X	X		B	X		
Lake of the Woods	L3	7.0	11,48N,33W	Jackson	X	X		B	X		
Lake of the Woods Country Club Lake Number 2	L3	1.0	2,48N,12W	Boone	X	X		B	X		
Lake Paho	L3	273.0	NE SE25,65N,25W	Mercer	X	X		B	X		
Lake Sainte Louise	L3	71.0	Landgrant00929	St. Charles	X	X		A	X		
Lake Scioto	L3	5.0	30,38N,6W	Phelps	X	X		B	X		
Lake Serene	L3	59.0	NW NE03,42N,02E	Franklin	X	X		A	X		
Lake Sherwood	L3	120.0	SW SE11,45N,01W	Warren	X	X		A	X		
Lake Ski	L3	64.0	Landgrant00884	Ste. Genevieve	X	X		A	X		
Lake Springfield	L3	293.0	19,28N,21W	Greene	X	X		B	X		X
Lake St. Clair #1	L3	52.0	SW SE02,41N,01W	Franklin	X	X		A	X		
Lake St. Louis	L3	444.0	SUR 54 (NE SW26,47N,02E)	St. Charles	X	X		A	X		
Lake Taneycomo	L2	2,118.6	SW NE8,23N,20W	Taney	X	X	X	A	X	X	X
Lake Tapawingo	L3	83.0	NE NE34,49N,31W	Jackson	X	X		A	X		
Lake Tebo	L3	73.0	12,44N,22W	Pettis	X	X		B	X		

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Lake Thunderbird	L3	33.0	NE,NW 5,41N,01E	Franklin	X	X		A	X		
Lake Thunderhead	L1	859.0	NE NE15,66N,19W	Putnam	X	X		A	X	X	
Lake Timber Ridge	L3	35.0	SW SE 16,43N,06W	Gasconade	X	X		A	X		
Lake Timberline	L3	39.0	24,38N,4E	St. Francois	X	X		A	X		
Lake Tishomingo	L3	120.0	Landgrant03027	Jefferson	X	X		A	X		
Lake Tom Sawyer	L3	4.0	4,54N,8W	Monroe	X	X		A	X		
Lake Torino	L3	7.0	20,42N,02E	Franklin	X	X		B	X		
Lake Tywappity	L3	43.0	SW SE08,29N,13E	Scott	X	X		A	X		
Lake Viking	L1	552.0	09,59N,28W	Daviess	X	X		A	X	X	
Lake Wanda Lee	L3	97.0	SUR 884, 37N, 7E	Ste. Genevieve	X	X		A	X		
Lake Wappapello	L2	7,827.0	3,26N,7E	Wayne	X	X		A	X		
Lake Wauwanoka	L3	93.0	SE NW01,40N,04E	Jefferson	X	X		A	X		
Lake Winnebago	L3	272.0	NE NW09,46N,31W	Cass	X	X		A	X		
Lakes of Deerwood Number One	L3	8.0	32,42N,4E	Jefferson	X	X		B	X		
Lakeview Park Lake	L3	25.0	SW35,51N,09W	Audrain	X	X		B	X		
Lakewood Lakes	L3	279.0	NE NE07,48N,31W & SW SW 5, 48N, 31W	Jackson	X	X		A	X		
Lamar Lake	L1	148.0	SW NW32,32N,30W	Barton	X	X		B	X	X	
Lamine River C.A. Lakes	L3	37.0	25,26,27,36,46N,19W; 2,11,45N,19W; 7,18,45N,18W.	Cooper	X	X		B	X		
Lancaster City Lake - New	L1	56.0	23,66N,15W	Schuyler	X	X		B	X	X	
Lancaster Lake - Old	L1	23.0	SW NE14,66N,15W	Schuyler	X	X		B	X	X	
Lane Lake	L3	10.0	32,37N,01W	Washington	X	X		A	X		
Lawson City Lake	L1	25.0	31,54N,29W	Ray	X	X		A	X	X	
Leisure Lake	L3	38.0	NE SE05,61N,25W	Grundy	X	X		A	X		
Leisure Lake	L3	45.0	33,48N,08W	Callaway	X	X		A	X		
Lewis & Clark Lake	L3	403.0	27,28,33,55N,37W	Buchanan	X	X		A	X		
Lewis Lake	L3	6.0	SE, NE 10,26N,11E	Stoddard	X	X		B	X		
Lewistown Lake	L1	35.0	NW SW08,61N,08W	Lewis	X	X		B	X	X	
Liberty Park Lake	L3	1.0	04,45N,21W	Pettis	X	X		B	X		
Limpp Community State Lake	L3	27.0	29,61N,32W	Gentry	X	X		B	X		
Linneus Lake	L1	17.0	NE SW36,59N,21W	Linn	X	X		B	X	X	
Lions Lake	L3	11.0	16,44N,01W	Franklin	X	X		B	X		
Lions Lake	L3	13.0	26,46N,26W	Johnson	X	X		B	X		
Lisle Pond	L3	22.0	05,43N,33W	Cass	X	X		B	X		
Little Compton Lake	L3	36.0	29/32,55N,21W	Carroll	X	X		B	X		
Little Dixie Lake	L3	199.0	26,48N,11W	Callaway	X	X		B	X		
Loch Leonard	L3	27.0	SE18,46N,30W	Cass	X	X		B	X		
Loggers Lake	L3	21.0	10,15,31N,03W	Shannon	X	X		A	X		
Lone Jack Lake	L3	31.0	11,47N,30W	Jackson	X	X		B	X		
Lone Tree Lake	L3	21.0	N NE15,46N,6W	Montgomery	X	X		B	X		
Lonedell Lake	L3	40.0	16,40N,02E	Franklin	X	X		B	X		
Long Branch Lake	L2	2,686.0	NW18,57N,14W	Macon	X	X		A	X	X	
Long Lake	L3	10.0	NW NW 03,25N,12E	Stoddard	X	X		B	X		
Longview Lake	L2	953.0	04,47N,32W	Jackson	X	X		A	X		
Lost Valley Lake	L3	37.0	SE NE17,43N,04W	Gasconade	X	X		A	X		
Lower Taum Sauk Lake	L3	200.0	33,33N,02E	Reynolds	X	X		B	X		
Lucky Clover Lake	L3	20.0	20,38N,04W	Crawford	X	X		A	X		
Mac Lake - Ziske	L3	28.0	SW NE 17,34N,05W	Dent	X	X		B	X		
Macon Lake	L3	189.0	SE NW17,57N,14W	Macon	X	X		B	X	X	
Malta Bend Community Lake	L3	4.0	25,51N,23W	Saline	X	X		B	X		
Manito Lake	L3	77.0	08,09,44N,17W	Moniteau	X	X		B	X		
Maple Leaf Lake	L3	127.0	04,48N,26W	Lafayette	X	X		B	X		
Marais Temps Clair	L3	725.7	19,48N,06E and 24,48N,5E	St. Charles	X	X		B	X		
Marceline Reservoir	L1	68.0	SE 28,57N,18W	Linn	X	X		B	X	X	
Mark Twain Lake	L2	20,100.0	26,55N,7W	Ralls	X	X		A	X	X	X
Marshall Habilitation Center Lake	L3	10.0	11,50N,21W	Saline	X	X		B	X		

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Martin Lakes	L3	17.0	11,26N,11E	Stoddard	X	X		B	X		
Maysville Lake	L1	27.0	NE NE 4, 58N,31W	DeKalb	X	X		B	X	X	
Maysville Lake	L1	12.0	NW NE03,58N,31W	DeKalb	X	X		B	X	X	
McCormack Lake	L3	9.0	NW SW 24,25N,04W	Oregon	X	X		A	X		
McDaniel Lake	L1	218.0	NE SE26,30N,22W	Greene	X	X		B	X	X	
Melody Lake	L3	32.0	27,42N,03W	Franklin	X	X		A	X		
Memphis Lake	L1	253.0	15,65N,12W	Scotland	X	X		B	X	X	
Memphis Reservoir	L1	41.0	14,65N,12W	Scotland	X	X		B	X	X	
Middle Fork Water Company Lake	L1	98.0	6,63N,31W	Gentry	X	X		B	X	X	
Milan Lake North	L1	13.0	SE SE02,62N,20W	Sullivan	X	X		B	X	X	
Milan Lake South	L1	37.0	SE SE,02,62N,20W	Sullivan	X	X		B	X	X	
Mineral Lake	L3	8.0	1,42N,3W	Franklin	X	X		B	X		
Monopoly Marsh	L3	2,329.0	16,27,8E	Wayne	X	X		B	X		
Monroe City Lake	L1	94.0	34,56N,7W	Ralls	X	X		A	X	X	
Monroe City Lake A	L1	17.0	NW NW13,56N,08W	Monroe	X	X		B	X	X	
Monroe Lake B	L1	60.0	30,56N,7W	Monroe	X	X		B	X	X	
Monsanto Lake	L3	18.0	SENW 20,36N,5E	St. Francois	X	X		A	X		
Monte Gurwit Lake	L3	11.0	4,50N,13W	Boone	X	X		B	X		
Montrose Lake	L3	1,444.0	NE NW33,41N,27W	Henry	X	X		B	X		X
Morel Lake	L3	2.0	30,46N,24W	Johnson	X	X		B	X		
Mozingo Lake	L1	998.0	13,64N,35W	Nodaway	X	X		B	X	X	
New Cambria Lake	L1	9.0	SW NE07,57N,16W	Macon	X	X		B	X	X	
New City Lake	L1	78.0	27,64N,28W	Harrison	X	X		A	X	X	
New La Belle Lake	L1	18.0	16,61N,09W	Lewis	X	X		B	X	X	
New Marceline City Lake	L1	160.0	14,56N,19W	Chariton	X	X		B	X	X	
Nims Lake	L1	251.0	24,34N,6E	Madison	X	X		A	X	X	
Noblett Lake	L3	26.0	25,26N,11W	Douglas	X	X		A	X		
Nodaway Lake	L3	73.0	SW NE20,65N,35W	Nodaway	X	X		B	X		
Norfork Lake	L2	1,000.0	21N,12W	Ozark	X	X		A	X		
North Lake	L1	38.0	28,45N,31W	Cass	X	X		B	X	X	
North Lake	L3	7.0	32,49N,7W	Callaway	X	X		B	X		
North Sever Lake	L3	12.5	20,63N,11W	Knox	X	X		B	X		
Odessa Lake	L1	87.0	NW NE15,48N,28W	Lafayette	X	X		B	X	X	
Odessa Lake (Old)	L1	22.0	NW NW14,48N,28W	Lafayette	X	X		B	X	X	
Old Bethany City Lake	L1	18.0	2,63N,28W	Harrison	X	X		B	X	X	
Old Lake	L1	28.0	30,53N,2W	Pike	X	X		B	X	X	
Old Lake	L1	20.0	15,57N,12W	Shelby	X	X		B	X	X	
Old Mud Lake	L3	126.0	16,20,21, 56N,36W	Buchanan	X	X		B	X		
Old Plattsburg Lake	L1	15.0	13,55N,32W	Clinton	X	X		B	X	X	
Old Reservoir	L1	20.0	3,53N,14W	Randolph	X	X		B	X	X	
Opossum Hollow Lake	L3	63.0	SW NE29,39N,03W	Crawford	X	X		A	X		
Oscie Ora Acres Lake	L3	50.0	10,28N,33W	Jasper	X	X		B	X		
Otter Lake	L3	250.0	17,24N,09E	Stoddard	X	X		B	X		
Painted Rock Lake	L3	5.0	11,42N,11W	Osage	X	X		B	X		
Palmer Lake	L3	102.0	22,36N,01E	Washington	X	X		A	X		
Panther Creek D-1 Lake	L3	28.0	32,65N,26W	Harrison	X	X		B	X		
Parker Lake #1	L3	20.0	SE SE 31,35N,09E	Perry	X	X		A	X		
Parker Lake No. 2	L3	80.0	NE SW32,35N,09E	Perry	X	X		A	X		
Parole Lake	L3	42.0	07,36N,01E	Washington	X	X		A	X		
Paul Herring Lake	L3	44.0	17,46N,9W	Callaway	X	X		B	X		
Peaceful Valley Lake	L3	158.0	NE NE25,42N,06W	Gasconade	X	X		A	X		
Peculiar Lake	L1	25.0	SE SW22,45N,32W	Cass	X	X		B	X	X	
Penn's Pond Lake	L3	8.0	06,34N,11W	Pulaski	X	X		B	X		
Perco Lakes	L3	21.7	SW5, NW8 ,34N,10E	Perry	X	X		B	X		
Perry C.A. Lakes	L3	16.4	28.33,34,36,48N,24W;30,48N, Johnson 23W		X	X		B	X		
Perry City Lake	L1	18.0	34,54N,7W	Ralls	X	X		B	X	X	
Perry City Lake Upper	L3	10.0	34,54N,7W	Ralls	X	X		B	X		

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Perry County Community Lake	L3	89.0	SW NE22,35N,10E (SUR 856)Perry		X	X		B	X		
Perry Phillips Lake	L3	41.0	32,48N,12W	Boone	X	X		B	X		
Pershing St. Park Lakes	L3	12.0	2,11,57N,21W	Linn	X	X		A	X		
Peters Lake	L3	62.0	NW NW4,50N,16W	Howard	X	X		B	X		
Pike Lake	L3	17.0	02,59N,25W	Livingston	X	X		A	X		
Pim Lake	L3	7.0	SW NW 20,36N,5E	St. Francois	X	X		A	X		
Pinewoods Lake	L3	22.0	07,26N,03E	Carter	X	X		B	X		
Pinnacle Lake	L3	115.0	SE NE24,47N,05W	Montgomery	X	X		A	X		
Plattsburg 6 Mi. Lane Lk.	L3	57.0	SW SE11,55N,32W	Clinton	X	X		B	X	X	
Pleasant Hill Lake	L1	91.0	SW SE01,46N,31W	Cass	X	X		B	X	X	
Plover Lake	L3	14.0	15,47N,31W	Jackson	X	X		B	X		
Poague C.A. Lakes	L3	80.0	19,30,42N,26W, 24,42N,27W	Henry	X	X		B	X		
Pomme de Terre Lake	L2	7,675.0	2,36N,22W	Polk	X	X		A	X		
Pond Number 1	L3	3.0	8,48N,7W	Callaway	X	X		B	X		
Pond Number 2	L3	1.0	8,48N,7W	Callaway	X	X		B	X		
Pond Number 2	L3	4.0	32,43N,25W	Henry	X	X		B	X		
Pond Number 3	L3	1.0	8,48N,7W	Callaway	X	X		B	X		
Pond Number 3	L3	3.0	32,43N,25W	Henry	X	X		B	X		
Pond Number 4	L3	1.0	8,48N,7W	Callaway	X	X		B	X		
Pond Number 5	L3	1.0	5,48N,7W	Callaway	X	X		B	X		
Pond Number 6	L3	1.0	6,48N,7W	Callaway	X	X		B	X		
Pond Number 7	L3	1.0	5,48N,7W	Callaway	X	X		B	X		
Pond Number 8	L3	1.0	16,48N,7W	Callaway	X	X		B	X		
Pony Express Lake	L3	256.0	33,58N,31W	DeKalb	X	X		A	X		
Port Hudson Lake	L3	53.0	16,43N,3W	Franklin	X	X		B	X		
Port Perry Lake	L3	155.0	NE SE08,34N,09E	Perry	X	X		B	X		
Potosi Lake	L3	20.0	SW NW 35,37N,03E	Washington	X	X		A	X		
Prairie Lee Lake	L3	144.0	NE SW27,48N,31W	Jackson	X	X		A	X		
Presumed Use Lakes	L3	10.0	Lower Des Moines - 07100009Clark		X	X		B	X		
Presumed Use Lakes	L3	488.0	Bear-Wyaconda - 07110001	Marion	X	X		B	X		
Presumed Use Lakes	L3	247.0	North Fabius - 07110002	Marion	X	X		B	X		
Presumed Use Lakes	L3	114.0	South Fabius - 07110003	Marion	X	X		B	X		
Presumed Use Lakes	L3	711.0	Sny - 07110004	Lincoln	X	X		B	X		
Presumed Use Lakes	L3	229.0	North Fork Salt - 07110005	Monroe	X	X		B	X		
Presumed Use Lakes	L3	195.0	Independence - Sugar - 10240011	Clay	X	X		B	X		
Presumed Use Lakes	L3	745.0	South Fork Salt -07110006	Monroe	X	X		B	X		
Presumed Use Lakes	L3	336.0	Salt - 07110007	Pike	X	X		B	X		
Presumed Use Lakes	L3	1,830.0	Cuivre - 07110008	St. Charles	X	X		B	X		
Presumed Use Lakes	L3	995.0	Peruque-Piasa - 07110009	St. Charles	X	X		B	X		
Presumed Use Lakes	L3	223.0	Chahokia-Joachim - 07140101	Ste. Genevieve	X	X		B	X		
Presumed Use Lakes	L3	745.0	Meramec - 07140102	Jefferson	X	X		B	X		
Presumed Use Lakes	L3	247.0	Bourbeuse - 07140103	Franklin	X	X		B	X		
Presumed Use Lakes	L3	774.0	Big - 07140104	Jefferson	X	X		B	X		
Presumed Use Lakes	L3	1,063.0	Upper Mississippi - Cape Girardeau - 07140105	Mississippi	X	X		B	X		
Presumed Use Lakes	L3	426.0	Whitewater - 07140107	Cape Girardeau	X	X		B	X		
Presumed Use Lakes	L3	357.0	Lower Mississippi Memphis - 08010100	Pemiscot	X	X		B	X		
Presumed Use Lakes	L3	261.0	New Madrid - St Johns - 08020201	New Madrid	X	X		B	X		
Presumed Use Lakes	L3	764.0	Upper St Francis - 08020202	Wayne	X	X		B	X		
Presumed Use Lakes	L3	137.0	Lower St Francis - 08020203	Dunklin	X	X		B	X		

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IND-Industrial Water Supply

WATER BODY	CLASS	ACRES	LOCATION	COUNTY(IES)	LWP	WWH	CDH	WBC	SCR	DWS	IND
Presumed Use Lakes	L3	286.0	Little River Ditches - 08020204	Dunklin	X	X		B	X		
Presumed Use Lakes	L3	136.0	Nishnabota - 10240004	Atchison	X	X		B	X		
Presumed Use Lakes	L3	351.0	Tarkio - Wolf - 10240005	Andrew	X	X		B	X		
Presumed Use Lakes	L3	68.0	Nodaway - 10240010	Andrew	X	X		B	X		
Presumed Use Lakes	L3	201.0	Platte - 10240012	Platte	X	X		B	X		
Presumed Use Lakes	L3	43.0	One Hundred and Two - 10240013	Buchanan	X	X		B	X		
Presumed Use Lakes	L3	414.0	Upper Grand - 10280101	Livingston	X	X		B	X		
Presumed Use Lakes	L3	182.0	Thompson - 10280102	Livingston	X	X		B	X		
Presumed Use Lakes	L3	514.0	Lower Grand - 10280103	Chariton	X	X		B	X		
Presumed Use Lakes	L3	96.0	Upper Chariton - 10280201	Adair	X	X		B	X		
Presumed Use Lakes	L3	185.0	Lower Chariton - 10280202	Chariton	X	X		B	X		
Presumed Use Lakes	L3	189.0	Little Chariton - 10280203	Chariton	X	X		B	X		
Presumed Use Lakes	L3	184.0	Lower Marias Des Cygnes - 10290102	Bates	X	X		B	X		
Presumed Use Lakes	L3	67.0	Little Osage - 10290103	Vernon	X	X		B	X		
Presumed Use Lakes	L3	12.0	Marmaton - 10290104	Vernon	X	X		B	X		
Presumed Use Lakes	L3	479.0	Harry S. Truman Reservoir - 10290105	Benton	X	X		B	X		
Presumed Use Lakes	L3	391.0	Sac - 10290106	St. Clair	X	X		B	X		
Presumed Use Lakes	L3	82.0	Pomme de Terre - 10290107	Benton	X	X		B	X		
Presumed Use Lakes	L3	1,750.0	South Grand - 10290108	Benton	X	X		B	X		
Presumed Use Lakes	L3	349.0	Lake of the Ozarks - 10290109	Camden	X	X		B	X		
Presumed Use Lakes	L3	137.0	Niangua - 10290110	Camden	X	X		B	X		
Presumed Use Lakes	L3	249.0	Lower Osage - 10290111	Osage	X	X		B	X		
Presumed Use Lakes	L3	194.0	Upper Gasconade - 10290201	Pulaski	X	X		B	X		
Presumed Use Lakes	L3	9.0	Big Piney - 10290202	Pulaski	X	X		B	X		
Presumed Use Lakes	L3	111.0	Lower Gasconade - 10290203	Gasconade	X	X		B	X		
Presumed Use Lakes	L3	1,608.0	Lower Missouri Crooked - 10300101	Howard	X	X		B	X		
Presumed Use Lakes	L3	1,763.3	Lower Missouri Moreau - 10300102	Gasconade	X	X		B	X		
Presumed Use Lakes	L3	367.0	Lamine - 10300103	Cooper	X	X		B	X		
Presumed Use Lakes	L3	675.0	Blackwater - 10300104	Cooper	X	X		B	X		
Presumed Use Lakes	L3	976.0	Lower Missouri - 10300200	St. Charles	X	X		B	X		
Presumed Use Lakes	L3	11.0	Beaver Reservoir - 11010001	Stone	X	X		B	X		
Presumed Use Lakes	L3	95.0	James - 11010002	Webster	X	X		B	X		
Presumed Use Lakes	L3	34.0	Bull Shoals Lake - 11010003	Ozark	X	X		B	X		
Presumed Use Lakes	L3	2.0	North Fork White - 11010006	Ozark	X	X		B	X		
Presumed Use Lakes	L3	467.0	Upper Black - 11010007	Wayne	X	X		B	X		
Presumed Use Lakes	L3	187.0	Current - 11010008	Ripley	X	X		B	X		
Presumed Use Lakes	L3	40.0	Lower Black - 11010009	Ripley	X	X		B	X		
Presumed Use Lakes	L3	116.0	Spring - 11010010	Oregon	X	X		B	X		
Presumed Use Lakes	L3	66.2	Eleven Point - 11010011	Oregon	X	X		B	X		
Presumed Use Lakes	L3	762.0	Spring - 11070207	Jasper	X	X		B	X		
Presumed Use Lakes	L3	56.0	Elk - 110700208	McDonald	X	X		B	X		
Primrose Lake	L3	33.0	23,38,04E	St. Francois	X	X		B	X		
Radio Springs Lake	L3	8.0	08,35N,31W	Vernon	X	X		B	X		
Railroad Lake	L3	8.0	34,45N,15W	Moniteau	X	X		B	X		
Raintree Lake	L3	248.1	06,46N,31W	Cass	X	X		A	X		

WATER BODY	CLASS	ACRES	LOCATION	COUNTY(IES)	LWP	WWH	CDH	WBC	SCR	DWS	IND
Raintree Plantation Lake	L3	115.0	29,41N,04E	Jefferson	X	X		A	X		
Ray County Community Lake	L3	23.0	13,52N,28W	Ray	X	X		A	X		
Raymond Claus Lake	L3	8.7	SE SE17,27N,11E	Stoddard	X	X		B	X		
Rice Lake East	L3	11.0	09,27N,11E	Stoddard	X	X		B	X		
Rice Lake West	L3	4.0	SENE 9,27N,11E	Stoddard	X	X		B	X		
Rinquelin Trail Community Lake	L3	27.0	NE 29,39N,11W	Maries	X	X		B	X		
Ripley Lake	L3	18.0	10,23N,01E	Ripley	X	X		A	X		
Riss Lake	L3	134.0	SW SW25,51N,33W	Platte	X	X		B	X		
Roach Lake	L3	106.0	30,57N,23W	Livingston	X	X		A	X		
Roby Lake	L3	10.0	34/35,33N,11W	Texas	X	X		A	X		
Rock House Lake	L1	62.0	NE SW 36,65N,27W	Harrison	X	X		A	X	X	
Rocky Fork Lake	L3	60.0	NW SE31,50N,12W	Boone	X	X		B	X		
Rocky Hollow Lake	L3	20.0	SE33,53N,30W	Clay	X	X		B	X		
Rothwell Lake	L3	25.0	3,53N,14W	Randolph	X	X		B	X		
Salisbury City Lake (Pine Ridge Lake)	L3	25.0	15,53N,17W	Chariton	X	X		B	X		
Santa Fe Lake	L3	29.0	5,60N,14W	Macon	X	X		A	X		
Savannah City Reservoir	L1	20.0	07,59N,35W	Andrew	X	X		A	X	X	
Sayersbrook Lake	L3	36.0	NE SE28,38N,01E	Washington	X	X		B	X		
Schell Lake	L3	371.0	6,37N,28W	St. Clair	X	X		A	X		
Schuylerville Co. PWS #1 Lake	L1	33.0	SE SE04,64N,015W	Schuylerville	X	X		B	X	X	
Sears Community Lake	L3	32.0	18,63N,19W	Sullivan	X	X		A	X		
See Tal Lake	L3	11.0	NW NW01,45N,05W	Gasconade	X	X		B	X		
Sequiotka Park Lake	L3	3.0	09,28N,21W	Greene	X	X		B	X		
Settles Ford C.A. Lakes	L3	968.0	33,43N,29W;4,5,8-10,15-18,4 2N,29W;13,42N,30W	Bates	X	X		B	X		
Seven Springs Lake	L3	18.0	23-24,36N,06W	Phelps	X	X		A	X		
Shawnee Lake - Turner	L3	15.0	SW NW 17,34N,05W	Dent	X	X		B	X		
Shelbina Lake	L1	52.0	20,57N,10W	Shelby	X	X		B	X	X	
Shelbyville Lake	L1	32.0	SE SE19,58N,10W	Shelby	X	X		B	X	X	
Shepard Mountain Lake	L1	21.0	01,33N,03E	Iron	X	X		B	X	X	
Silver Lake	L3	54.0	SW SW16,46N,32W	Cass	X	X		B	X		
Silver Lake-Levee 3	L3	2,464.0	06,55N,20W	Chariton	X	X		B	X		
Simpson Park Lake	L3	64.0	16,44N,5E	St. Louis	X	X		B	X		
Sims Valley Community Lake	L3	42.0	17,20,27N,08W	Howell	X	X		A	X		
Smithville Lake	L2	7,738.0	13,53N,33W	Clay	X	X		A	X	X	
Snow Hollow Lake	L3	31.0	26/27,34N,03E	Iron	X	X		B	X		
South Lake	L3	2.0	8,48N,7W	Callaway	X	X		B	X		
South Pool-Levee 3	L3	263.0	1,2,11,12,13,55N,21W	Chariton	X	X		B	X		
Spencer Lake	L3	7.0	NW19,66N,14W	Schuylerville	X	X		B	X		
Sportsman Lake	L1	7.0	NE SE,04,49N,06W	Montgomery	X	X		B	X	X	
Spring Fork Lake	L1	178.0	NE SW21,44N,21W	Pettis	X	X		B	X	X	
Spring Lake	L3	87.0	10,61N,16W	Adair	X	X		A	X		
Spring Lake	L3	5.0	33,40N,4E	Jefferson	X	X		B	X		
Squaw Creek NWR Pools	L3	1,230.0	36,61N,39W	Holt	X	X		B	X		
Sterling Price Community Lake	L3	23.0	17,53N,17W	Chariton	X	X		A	X		
Stockton Lake	L2	23,680.0	NE NE15,34N,26W	Cedar	X	X		A	X	X	
Strip Pit 1	L3	11.0	32,43N,25W	Henry	X	X		B	X		
Strip Pit 1	L3	7.0	9,38N,32W	Bates	X	X		B	X		
Strip Pit 2	L3	5.0	9,38N,32W	Bates	X	X		B	X		
Strip Pit 3	L3	6.0	9,38N,32W	Bates	X	X		B	X		
Strip Pit 4	L3	4.0	9,38N,32W	Bates	X	X		B	X		
Strip Pit 5	L3	6.0	4,38N,32W	Bates	X	X		B	X		
Strip Pit 6	L3	2.0	4,38N,32W	Bates	X	X		B	X		
Strobel Lake	L3	33.0	SW SW 01,27N,09E	Stoddard	X	X		B	X		
Sugar Creek Lake	L1	308.0	NE SE16,54N,14W	Randolph	X	X		B	X	X	
Sullivan City Lake	L3	5.0	NE NW 20,40N,02W	Crawford	X	X		B	X		
Summerset & Fisherman's Lakes	L3	75.0	SW15,39N,04E	Jefferson	X	X		A	X		

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Sunfish Lake	L3	27.0	SUR 3097, 155, 1840, 47N,07E	St. Louis	X	X		B	X		
Sonnen Lake	L3	206.0	SW SE04,37N,01E	Washington	X	X		A	X		
Sunrise Lake	L3	21.0	36,39N,4E	Jefferson	X	X		A	X		
Sunset Lake	L3	6.0	13,44N,12W	Cole	X	X		B	X		
Sunset Lake	L3	50.2	NW SE33,39N,07E	Ste. Genevieve	X	X		B	X		
Sunshine Lake	L3	500.0	19,29,32,51N,27W	Ray	X	X		A	X		X
Swan Lake-Levee 5	L3	1,425.0	10,55N,21W	Chariton	X	X		B	X		
Table Rock Lake	L2	41,747.0	SW NW22,22N,22W	Stone	X	X		A	X		
Tarsney Lake	L3	17.0	22,48N,30W	Jackson	X	X		A	X		
Tea Lake No. 1	L3	25.0	08,41N,04W	Gasconade	X	X		B	X		
Teal Lake	L3	84.0	36,51N,9W	Audrain	X	X		B	X		
Tebo Freshwater Lake	L3	250.0	SW SW25,43N,25W	Henry	X	X		B	X		
Ten Mile Pond	L3	70.0	07,04,03,24N,16E	Mississippi	X	X		B	X		
Thirtyfour Corner Blue Hole	L3	9.0	35,25N,17E	Mississippi	X	X		B	X		
Thomas Hill Reservoir	L2	4,400.0	NE SE24,55N,16W	Randolph	X	X		A	X	X	X
Tobacco Hills Lake	L3	16.0	NW11,53N,35W	Platte	X	X		B	X		
Tom Bird Blue Hole	L3	6.0	29,27N,18E	Mississippi	X	X		B	X		
Treeline Lake	L3	30.0	30,40N,16W	Camden	X	X		B	X		
Trenton Lake Lower	L1	103.0	SW 15,61N,24W	Grundy	X	X		B	X	X	
Trenton Lake Upper	L1	68.0	NE SE15,61N,24W	Grundy	X	X		B	X	X	
Tri-City Lake	L3	27.0	24,51N,12W	Boone	X	X		B	X		
Turtle Rock Lake	L3	2.0	8,48N,7W	Callaway	X	X		B	X		
Twin Borrow Pits	L3	44.0	13,20N,13E	Pemiscot	X	X		B	X		
Twin Lake	L3	49.0	NW NW31,66N,23W	Mercer	X	X		B	X		
Twin Lake Number 1	L3	1.0	8,48N,7W	Callaway	X	X		B	X		
Twin Lake Number 2	L3	1.0	8,48N,7W	Callaway	X	X		B	X		
Twin Lakes	L3	22.9	SW SW,22,48N,13W	Boone	X	X		A	X		
Union City Lake	L3	5.0	27,43N,01W	Franklin	X	X		B	X		
Unionville (Old) Lake	L1	13.0	34,66N,19W	Putnam	X	X		A	X	X	
Unionville Reservoir	L1	74.0	27,66N,19W	Putnam	X	X		B	X	X	
Unity Lake Number One	L1	19.0	25,48N,32W	Jackson	X	X		B	X	X	
Unity Lake Number Two	L1	26.0	24,48N,32W	Jackson	X	X		B	X	X	
Unnamed Lake	L3	1.0	16,45N,32W	Cass	X	X		B	X		
Unnamed Lake	L3	6.0	18,47N,31W	Jackson	X	X		B	X		
Unnamed Lake	L3	8.0	15,42N,4W	Franklin	X	X		B	X		
Unnamed Lake	L3	2.0	2,47N,32W	Jackson	X	X		B	X		
Unnamed Lake	L3	6.0	10,38N,32W	Bates	X	X		B	X		
Unnamed Lake	L3	37.4	21,39N,5E	Jefferson	X	X		B	X		
Valle Lake	L3	42.0	31,39N,05E	Jefferson	X	X		A	X		
Van Meter St. Park Lake	L3	8.0	24,52N,22W	Saline	X	X		A	X		
Vandalia Community Lake	L3	35.0	SE35,52N,06W	Audrain	X	X		B	X		
Vandalia Reservoir	L1	28.0	NE NE12,53N,05W	Pike	X	X		B	X	X	
Wahoo Lake	L3	10.0	14,38N,04E	St. Francois	X	X		B	X		
Wakonda Lake	L3	78.0	13,14,60N,06W	Lewis	X	X		A	X		
Walt Disney Lake	L3	19.0	31,57N,18W	Linn	X	X		A	X		
Watkins Mill Lake	L3	87.0	NW 22,53N,30W	Clay	X	X		A	X		
Waukomis Lake	L3	76.0	SW 17,51N,33W	Platte	X	X		A	X		
Weatherby Lake	L3	185.0	SW SE15,51N,34W	Platte	X	X		A	X		
Welch Lake	L3	7.0	2,48N,12W	Boone	X	X		B	X		
Wellsville City Lake	L1	12.0	NW SE 33,50N,06W	Montgomery	X	X		A	X	X	
West Arrowhead Lake	L3	58.0	18,23N,08W	Howell	X	X		B	X		
Whispering Valley Lakes	L3	30.0	35,44N,03W	Franklin	X	X		A	X		
Whiteside Lake	L3	23.0	Landgrant01686	Lincoln	X	X		B	X		
Wildwood Lake	L3	17.0	NE 09,48N,32W	Jackson	X	X		B	X		
Willow Brook Lake	L1	53.0	SE NE 04,58N,13W	DeKalb	X	X		B	X	X	
Willow Lake	L3	29.0	27-34,34N,32W	Vernon	X	X		B	X		
Willowood Lake	L3	45.0	26 & 35,48N,05E	St. Charles	X	X		B	X		
Windsor Ferrington Park Lake	L3	16.0	6,43N,23W	Pettis	X	X		B	X		

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Windy Lake	L3	13.0	6,48N,7W	Callaway	X	X		B	X		
Winegar Lake	L3	8.0	18,43N,13W	Cole	X	X		B	X		
Wing Lake	L3	19.9	NW SW 14, 35N,03E	Washington	X	X		A	X		
Wolf Bayou Mud Bayou	L3	37.0	04,19N,13E	Pemiscot	X	X		B	X		
Wood Lake	L3	8.0	8,57N,12W	Shelby	X	X		B	X		
Worth County Community Lake	L3	17.0	32,65N,32W	Worth	X	X		B	X		
Wyaconda Lake	L1	9.0	NW NW33,65N,09W	Clark	X	X		B	X	X	

TABLE H STREAM CLASSIFICATIONS AND USE DESIGNATIONS

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
AB Cr.	C	4.2	Mouth	32,37N,18W	Dallas	Camden	x	x	x			B	x		
Ackerman Ditch	C	14.1	Mouth	24,24N,6E	Butler		x	x	x			B	x		
Agee Cr.	C	4.8	Mouth	24,61N,34W	Andrew		x	x	x			B	x		
Alder Br.	C	4.7	2,34N,26W	5,34N,25W	Cedar		x	x	x			B	x		
Alder Cr.	C	11.4	Mouth	21,35N,28W	Cedar		x	x	x			B	x		
Allen Br.	P	1.8	Mouth	22,37N,1E	Washington		x	x	x			B	x		
Allen Br.	C	1.5	22,37N,1E	34,37N,1E	Washington		x	x	x			B	x		
Allen Br.	C	3.0	Mouth	05,34N,05E	St. Francois		x	x	x			B	x		
Allen Branch	C	6.2	Mouth	22,60N,9W	Lewis		x	x	x			B	x		
Allen Creek	C	6.3	Mouth	13,53N,12W	Monroe		x	x	x			B	x		
Alley Br.	P	1.5	Mouth	25,29N,5W	Shannon		x	x	x			B	x		
Alley Br.	C	2.6	25,29N,5W	22,29N,5W	Shannon		x	x	x			B	x		
Alley Spring branch	P	0.1	Mouth	25,29N,5W	Shannon		x	x	x		x	A	x		
Allie Cr.	C	2.6	Mouth	1,33N,10E	Cape Girardeau	Bollinger	x	x	x			B	x		
Anderson Br.	C	1.0	Mouth	31,45N,20W	Pettis		x	x	x			B	x		
Anderson Cr.	C	1.9	Mouth	31,33N,09W	Texas		x	x	x			B	x		
Andrews Br.	C	1.8	Mouth	Sur 3062,37N,6E	St. Francois		x	x	x			B	x		
Anthony Br.	P	0.5	Mouth	6,22N,5W	Oregon		x	x	x			B	x		
Antire Cr.	P	1.9	Mouth	34,44N,4E	St. Louis		x	x	x			B	x		
Apple Cr.	P	44.8	Mouth	21,34N,10E	Perry		x	x	x			A	x	x	
Apple Cr.	C	1.7	16,34N,10E	18,34N,10E	Perry		x	x	x			B	x		
Arapahoe Cr.	C	8.0	Mouth	11,61N,36W	Andrew		x	x	x			B	x		
Archer Cr.	P	1.2	Mouth	14,41N,20W	Benton		x	x	x			B	x		
Arnault Br.	P	2.2	Mouth	10,38N,2E	Washington		x	x	x			B	x		
Arnault Br.	C	1.0	10,38N,2E	15,38N,2E	Washington		x	x	x			B	x		
Arnold Cr.	C	1.1	Mouth	24,40N,1E	Washington		x	x	x			B	x		
Arthur Cr.	P	5.9	Mouth	14,31N,9W	Texas		x	x	x			B	x		
Arthur Cr.	C	2.5	14,31N,9W	25,31N,9W	Texas		x	x	x			B	x		
Ash Ditch	P	6.6	Mouth	13,25N,14E	New Madrid		x	x	x			B	x		
Ash Ditch	C	8.0	13,25N,14E	5,26N,15E	New Madrid	Mississippi	x	x	x			B	x		
Ash Slough Ditch	P	17.2	Mouth	35,26N,13E	New Madrid		x	x	x			B	x		
Ash Slough Ditch tributary	C	1.6	Mouth	14,26N,13E	Scott		x	x	x			B	x		
Asher Cr.	P	8.7	Mouth	4,30N,23W	Polk	Greene	x	x	x			B	x		
Asher Cr.	C	4.0	4,30N,23W	14,30N,23W	Greene		x	x	x			B	x		
Asher Cr.	P	1.0	Mouth	1,26N,7E	Wayne		x	x	x			B	x		
Asher Cr.	C	1.2	1,26N,7E	2,26N,7E	Wayne		x	x	x			B	x		
Asher Hollow Cr.	C	4.0	Mouth	24,37N,06W	Crawford	Phelps	x	x	x			B	x		
Ashley Br.	P	0.5	Mouth	30,39N,1W	Washington		x	x	x			B	x		
Ashley Br.	C	1.6	30,39N,1W	32,39N,1W	Washington		x	x	x			B	x		
Ashley Cr.	P	2.5	Mouth	35,32N,7W	Dent		x	x	x			B	x		
Ashly Br.	C	0.7	Mouth	27,38N,1E	Washington		x	x	x			B	x		
Aslinger Br.	P	1.0	Mouth	16,32N,8E	Madison		x	x	x			B	x		
Aslinger Br.	C	1.0	16,32N,8E	County Line	Madison		x	x	x			B	x		
Atwell Cr.	P	1.2	Mouth	2,38N,12W	Miller		x	x	x			B	x		

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SCR-Secondary Contact Recreation
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IND-Industrial Water Supply

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Atwell Cr.	C	2.0	2,38N,12W	11,38N,12W	Miller		x	x	x			B	x		
Auxvasse Cr.	P	8.2	Mouth	8,46N,8W	Callaway		x	x	x			B	x		
Auxvasse Cr.	C	39.9	8,46N,8W	22,49N,10W	Callaway		x	x	x			B	x		
Avery Hollow	C	0.9	Mouth	04,38N,03W	Crawford		x	x	x			B	x		
Bachelor Cr.	C	6.8	Mouth	19,49N,7W	Callaway		x	x	x			B	x		
Back Cr.	C	3.8	Mouth	11,35N,6E	St. Francois		x	x	x			B	x		
Bagby Br.	C	2.3	Mouth	1,52N,16W	Randolph		x	x	x			B	x		
Bailey Br.	P	1.8	Mouth	31,36N,1W	Washington		x	x	x			B	x		
Baileys Cr.	P	15.7	Mouth	5,44N,7W	Gasconade	Osage	x	x	x			B	x		
Baileys Cr.	C	6.6	5,44N,7W	20,44N,7W	Osage		x	x	x			B	x		
Baker Br.	C	3.5	Mouth	35,38N,28W	St. Clair		x	x	x			B	x		
Baker Cr.	C	3.5	32,29N,15W	12,28N,16W	Wright		x	x	x			B	x		
Bald Ridge Cr.	C	10.0	Mouth	13,33N,11W	Pulaski	Texas	x	x	x			A	x		
Ball Branch	C	3.7	Mouth	5,39N,4E	Jefferson		x	x	x			B	x		
Ball Branch tributary	C	0.2	Mouth	33,40N,4E	Jefferson		x	x	x			B	x		
Ball Pond Hollow	C	1.5	Mouth	32,24N,11W	Ozark		x	x	x			B	x		
Baltimore Cr.	C	2.0	Mouth	33,33N,9E	Bollinger		x	x	x			B	x		
Bank Br.	C	5.5	Mouth	35,37N,17W	Camden		x	x	x	x		B	x		
Bannister Hollow	C	4.3	Mouth	36,38N,19W	Camden		x	x	x			B	x		
Barber Cr.	C	9.1	Mouth	3,65N,22W	Sullivan	Putnam	x	x	x			B	x		
Barbers Cr.	C	3.3	Mouth	8,25N,19W	Christian		x	x	x			B	x		
Barker Cr.	C	15.0	Mouth	09,43N,23W	Henry	Pettis	x	x	x			B	x		
Barker Creek tributary	C	4.6	Mouth	9,42N,24W	Henry		x	x	x			B	x		
Barker Creek tributary	C	1.3	Mouth	22,42N,24W	Henry		x	x	x			B	x		
Barker Creek tributary	C	1.2	Mouth	21,42N,24W	Henry		x	x	x			B	x		
Barn Hollow	C	8.2	Mouth	18,27N,7W	Texas	Howell	x	x	x			B	x		
Barnes Cr.	C	1.4	Mouth	34,29N,7E	Wayne		x	x	x			B	x		
Barnes Cr.	C	1.0	Mouth	4,33N,6E	Madison		x	x	x			B	x		
Barney Cr.	C	4.8	Mouth	24,34N,3W	Dent		x	x	x			B	x		
Barnitz Prong	P	4.1	Mouth	21,34N,7W	Dent		x	x	x			B	x		
Barren Cr.	C	2.8	Mouth	3,33N,24W	Polk		x	x	x				x		
Barren Cr.	C	2.6	State Line	8,21N,11W	Ozark		x	x	x			B	x		
Barren Fk.	P	7.7	Mouth	30,39N,13W	Miller		x	x	x	x		A	x		
Barren Fk.	C	2.6	30,39N,13W	5,38N,13W	Miller		x	x	x			A	x		
Barren Fk.	C	4.4	Mouth	5,43N,4W	Franklin	Gasconade	x	x	x			B	x		
Barren Fk.	C	11.6	Mouth	10,23N,14W	Ozark		x	x	x			B	x		
Barren Fk.	P	2.0	Mouth	29,31N,4W	Shannon		x	x	x		x	B	x		
Barren Fk.	P	8.2	20,31N,4W	32,32N,4W	Shannon	Dent	x	x	x			B	x		
Barren Fk.	C	2.6	32,32N,4W	28,32N,4W	Dent		x	x	x			B	x		
Barren Hollow	C	0.5	Mouth	16,33N,5E	Madison		x	x	x			B	x		
Barret Hollow	C	1.5	Mouth	1,22N,15W	Ozark		x	x	x			B	x		
Bartlett Cr.	C	8.2	Mouth	9,49N,17W	Howard		x	x	x			B	x		
Basin Fk.	C	13.5	Mouth	17,44N,23W	Pettis		x	x	x			B	x		
Bass Cr.	C	4.4	Mouth	Hwy. 63	Boone		x	x	x			A	x		
Bates County Drainage Ditch	P	23.6	Mouth	2,39N,33W	Bates		x	x	x			A	x	x	
Bates Cr.	P	1.8	Mouth	16,37N,2E	Washington		x	x	x			B	x		

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND	
Bates Cr.	C	3.2	16,37N,2E	28,37N,2E	Washington		x	x	x				x			
Batts Cr.	C	5.3	Mouth	19,52N,16W	Chariton	Howard	x	x	x			B	x			
Bauer Br.	C	3.0	Mouth	29,43N,21W	Benton		x	x	x			B	x			
Bay De Charles	P1	8.0	Mouth	14,58N,5W	Marion		x	x	x			A	x			
Baynham Br.	P	4.0	Mouth	17,26N,31W	Newton		x	x	x			B	x			
Bean Br.	C	8.7	Mouth	Hwy. 54	Audrain		x	x	x			B	x			
Bean Cr.	C	6.4	Mouth	16,32N,8W	Dent	Texas	x	x	x			B	x			
Bear Br.	C	3.6	Mouth	6,24N,15W	Ozark		x	x	x			B	x			
Bear Br.	C	2.2	Mouth	29,31N,3E	Reynolds	Iron	x	x	x			B	x			
Bear Br.	C	2.0	Mouth	19,44N,15W	Moniteau		x	x	x			B	x			
Bear Br.	C	1.5	Mouth	17,31N,10E	Bollinger		x	x	x			B	x			
Bear Camp Cr.	C	4.8	Mouth	31,26N,1E	Carter		x	x	x			B	x			
Bear Claw Spring	P	0.2	Mouth	33,30N,08W	Texas		x	x	x			B	x			
Bear Cr.	C	6.0	Mouth	31,49N,12W	Boone		x	x	x			B	x			
Bear Cr.	C	1.0	Mouth	31,40N,14W	Miller		x	x	x			B	x			
Bear Cr.	C	1.8	Mouth	31,43N,9W	Osage		x	x	x			B	x			
Bear Cr.	C	7.4	Mouth	17,40N,27W	Henry		x	x	x				x			
Bear Cr.	P	3.4	Mouth	15,38N,24W	St. Clair		x	x	x			A	x			
Bear Cr.	C	4.1	15,38N,24W	35,38N,24W	St. Clair		x	x	x			B	x			
Bear Cr.	C	9.4	Mouth	2,44N,28W	Johnson		x	x	x			B	x			
Bear Cr.	C	5.6	Mouth	5,33N,28W	Cedar		x	x	x			B	x			
Bear Cr.	P	30.7	Mouth	20,33N,23W	Cedar	Polk	x	x	x			B	x			
Bear Cr.	C	12.7	Mouth	22,35N,15W	Pulaski	Laclede	x	x	x			B	x			
Bear Cr.	C	1.8	Mouth	25,29N,11W	Texas		x	x	x			B	x			
Bear Cr.	P	2.7	Mouth	36,47N,5W	Montgomery		x	x	x			B	x			
Bear Cr.	C	3.0	36,47N,5W	20,47N,4W	Montgomery	Warren	x	x	x			B	x			
Bear Cr.	C	16.1	Mouth	4,48N,4W	Lincoln	Montgomery	x	x	x			B	x			
Bear Cr.	C	3.0	Mouth	8,37N,4E	St. Francois		x	x	x			B	x			
Bear Cr.	P	18.3	Mouth	25,30N,6E	Bollinger	Wayne	x	x	x			A	x			
Bear Cr.	P	5.0	Mouth	18,24N,21W	Taney		x	x	x			A	x			
Bear Cr.	C	5.8	18,24N,21W	36,25N,22W	Taney	Christian	x	x	x			A	x			
Bear Cr.	C	9.8	Mouth	15,54N,36W	Platte		x	x	x			B	x			
Bear Cr.	P	1.5	Mouth	34,43N,04E	Jefferson		x	x	x			B	x			
Bear Cr.	C	4.5	Mouth	29,52N,19W	Saline		x	x	x			B	x			
Bear Cr.	C	9.4	Mouth	8,59N,19W	Linn		x	x	x			B	x			
Bear Cr.	P	2.1	Mouth	32,57N,4W	Marion		x	x	x			B	x			
Bear Cr.	C	8.5	32,57N,4W	29,57N,5W	Marion		x	x	x			B	x			
Bear Cr.	C	9.3	Mouth	32,46N,25W	Johnson		x	x	x			B	x			
Bear Creek	C	47.2	Mouth	22,62N,15W	Shelby	Adair	x	x	x			B	x			
Bear Creek	C	19.7	Mouth	30,65N,10W	Lewis	Scotland	x	x	x			B	x			
Bear Creek tributary	C	0.7	Mouth	15,64N,10W	Scotland		x	x	x			B	x			
Bear Creek tributary	C	0.6	15,64N,10W	21,64N,10W	Scotland		x	x	x			B	x			
Beaver Br.	P	2.0	Mouth	36,23N,33W	McDonald		x	x	x			B	x			
Beaver Br.	C	3.5	36,23N,33W	19,23N,32W	McDonald		x	x	x			B	x			
Beaver Br.	P	1.5	19,23N,32W	17,23N,32W	McDonald			x	x	x			B	x		
Beaver Cr.	P	24.1	Mouth	29,30N,12W	Wright	Texas	x	x	x	x	x	B	x			
Beaver Cr.	C	4.2	29,30N,12W	4,29N,12W	Wright		x	x	x			A	x			

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Beaver Cr.	P	5.7	4,29N,12W	26,29N,12W	Wright	Texas	x	x	x			B	x		
Beaver Cr.	C	3.8	Mouth	33,37N,8W	Phelps		x	x	x			A	x		
Beaver Cr.	C	1.2	Mouth	14,40N,2W	Crawford		x	x	x			B	x		
Beaver Cr.	P	44.5	Mouth	23,27N,17W	Taney	Douglas	x	x	x	x		A	x		
Beaver Cr.	C	2.0	23,27N,17W	10,27N,17W	Douglas		x	x	x			B	x		
Beaver Dam Cr.	C	5.0	Mouth	Hwy. 54	Audrain		x	x	x			B	x		
Beaverdam Cr.	P	9.5	Mouth	9,24N,4E	Butler	Ripley	x	x	x			A	x		
Beaverdam Cr.	C	2.0	9,24N,4E	5,24N,4E	Ripley		x	x	x			B	x		
Beaverdam Cr.	C	5.7	Mouth	02,46N,23W	Pettis		x	x	x			B	x		
Becky Cobb Cr.	C	2.7	Mouth	29,23N,13W	Ozark		x	x	x			B	x		
Bee Br.	C	0.7	Mouth	32,46N,23W	Pettis		x	x	x			B	x		
Bee Br.	C	5.9	Mouth	06,47N,23W	Pettis		x	x	x			B	x		
Bee Br.	C	5.3	Mouth	20,37N,30W	Vernon		x	x	x			B	x		
Bee Br.	C	5.0	Mouth	10,55N,17W	Chariton		x	x	x			B	x		
Bee Cr.	C	5.8	Mouth	7,53N,10W	Monroe		x	x	x			B	x		
Bee Cr.	C	1.6	Mouth	17,23N,21W	Taney		x	x	x	x		B	x		
Bee Cr.	C	5.5	Mouth	5,21N,20W	Taney		x	x	x			A	x		
Bee Cr.	C	29.4	Mouth	11,55N,35W	Platte	Buchanan	x	x	x			B	x		
Bee Fk.	C	8.7	Mouth	30,32N,1W	Reynolds		x	x	x	x		A	x		
Bee Fork	C	5.9	30,32N,1W	20,32N,2W	Reynolds		x	x	x			B	x		
Bee Fork tributary	C	0.5	Mouth	19,32N,2W	Reynolds		x	x	x			B	x		
Bee Fork tributary	C	2.7	Mouth	5,31N,1W	Reynolds		x	x	x			B	x		
Bee Rock Hollow	C	1.4	Mouth	33,31N,07W	Texas		x	x	x			B	x		
Bee Run	C	1.4	Mouth	26,38N,4E	St. Francois		x	x	x			B	x		
Bee Run tributary	C	0.1	Mouth	24,38N,4E	St. Francois		x	x	x			B	x		
Beecham Br.	C	1.6	Mouth	01,36N,29W	Vernon		x	x	x			B	x		
Beef Br.	P	2.5	Mouth	11,26N,33W	Newton		x	x	x			B	x		
Beehole Hollow	C	2.0	Mouth	33,26N,4E	Butler		x	x	x			B	x		
Beeler Br.	P	1.2	Mouth	7,28N,10W	Texas		x	x	x			B	x		
Beeler Br.	C	1.2	7,28N,10W	18,28N,10W	Texas		x	x	x			B	x		
Beeman Br.	P	1.0	14,23N,34W	24,23N,34W	McDonald		x	x	x			B	x		
Belew Cr.	P	7.0	Mouth	28,41N,04E	Jefferson		x	x	x			B	x		
Belews Creek tributary	P	0.1	Mouth	4,41N,4E	Jefferson		x	x	x			B	x		
Belews Creek tributary	P	0.2	Mouth	32,42N,4E	Jefferson		x	x	x			B	x		
Belews Creek tributary	C	5.5	Mouth	1,41N,4E	Jefferson		x	x	x			B	x		
Belews Creek tributary	C	0.7	Mouth	Landgrant03027	Jefferson		x	x	x			B	x		
Bell Branch	C	2.3	Mouth	5,48N,14W	Boone		x	x	x			B	x		
Bell Branch tributary	C	4.1	Mouth	4,48N,14W	Boone		x	x	x			B	x		
Bell Cr.	C	6.0	Mouth	09,37N,12W	Pulaski		x	x	x				x		
Bell Fountain Ditch	P	18.0	29,16N,9E	12,16N,11E	Dunklin	Pemiscot	x	x	x			B	x		
Belleau Cr.	C	5.1	Mouth	6,47N,4E	St. Charles		x	x	x			B	x		
Belleview Cr.	C	1.5	32,35N,3E	Sur 2113,35N,3E	Iron		x	x	x			B	x		
Ben Br.	C	1.0	Mouth	22,44N,8W	Osage		x	x	x			B	x		
Bender Cr.	P	4.3	Mouth	13,31N,9W	Texas		x	x	x			B	x		
Bender Cr.	C	3.4	13,31N,9W	5,31N,8W	Texas		x	x	x			B	x		
Bennett Cr.	C	2.5	Mouth	30,30N,6E	Wayne		x	x	x			B	x		
Bennett Hollow	C	1.8	Mouth	13,23N,15W	Ozark		x	x	x			B	x		

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Bennett Springs Cr.	P	1.6	Mouth	Bennett Springs	Laclede	Dallas	x	x	x		x	B	x		
Bennetts Bayou	P	5.3	State Line	30,22N,10W	Ozark	Howell	x	x	x			B	x		
Bennetts Bayou	C	3.0	30,22N,10W	16,22N,10W	Howell		x	x	x			B	x		
Bennetts R.	C	5.0	State Line	24,22N,10W	Howell		x	x	x			B	x		
Bens Branch	C	5.8	Mouth	28,28N,32W	Jasper		x	x	x			B	x		
Benton Br.	P	0.5	Mouth	11,34N,19W	Dallas		x	x	x			B	x		
Benton Br.	C	1.0	11,34N,19W	11,34N,19W	Dallas		x	x	x			B	x		
Benton Cr.	P	6.8	Mouth	29,36N,5W	Crawford		x	x	x			A	x		
Benton Cr.	C	2.0	29,36N,5W	31,36N,5W	Crawford		x	x	x			B	x		
Big Barren Cr.	C	23.4	Mouth	32,26N,2W	Ripley	Carter	x	x	x	x	x	A	x		
Big Berger Cr.	P	12.5	Mouth	26,45N,4W	Franklin		x	x	x			B	x		
Big Berger Cr.	C	8.8	26,45N,4W	17,44N,4W	Franklin	Gasconade	x	x	x			B	x		
Big Blue Br.	P	0.8	Mouth	12,31N,9E	Bollinger		x	x	x			B	x		
Big Blue Br.	C	1.5	12,31N,9E	6,31N,10E	Bollinger		x	x	x			B	x		
Big Bottom Cr.	C	1.5	Mouth	Lake Anne	Ste. Genevieve		x	x	x				x		
Big Bottom Cr.	C	2.1	Lake Anne	13,37N,07E	Ste. Genevieve		x	x	x			B	x		
Big Br.	C	0.5	Mouth	22,43N,04W	Franklin		x	x	x			B	x		
Big Br.	C	2.8	Mouth	22,46N,11W	Callaway		x	x	x			B	x		
Big Branch	C	3.4	Mouth	23,44N,04W	Franklin		x	x	x			B	x		
Big Brushy Cr.	P	9.2	Mouth	9,27N,3E	Wayne	Carter	x	x	x			A	x		
Big Brushy Cr.	C	7.6	9,27N,3E	4,27N,2E	Carter		x	x	x			B	x		
Big Buffalo Cr.	P	5.6	Mouth	06,41N,19W	Benton	Morgan	x	x	x	x	x	B	x		
Big Buffalo Cr.	C	2.8	06,41N,19W	28,42N,19W	Morgan		x	x	x			B	x		
Big Cane Cr.	C	4.9	State Line	26,22N,5E	Butler		x	x	x			B	x		
Big Cr.	P	70.5	Mouth	34,47N,31W	Henry	Jackson	x	x	x			B	x		
Big Cr.	C	3.3	Mouth	16,42N,3W	Franklin		x	x	x				x		
Big Cr.	P	10.3	Mouth	25,48N,1W	Lincoln		x	x	x			A	x		
Big Cr.	C	17.7	25,48N,1W	8,47N,2W	Lincoln	Warren	x	x	x			B	x		
Big Cr.	C	2.0	Mouth	3,22N,25W	Barry		x	x	x			B	x		
Big Cr.	C	9.0	Mouth	25,23N,17W	Taney		x	x	x			A	x		
Big Cr.	P	23.0	Mouth	5,31N,2W	Shannon		x	x	x			A	x		
Big Cr.	C	28.7	Mouth	5,29N,8W	Shannon	Texas	x	x	x	x	x	B	x		
Big Cr.	P	34.1	Mouth	23,33N,3E	Wayne	Iron	x	x	x	x	x	A	x		
Big Cr.	C	0.8	23,33N,3E	23,33N,3E	Iron		x	x	x			B	x		
Big Cr.	P	31.5	Mouth	9,63N,28W	Daviess	Harrison	x	x	x			B	x	x	
Big Cr.	C	1.5	9,54N,23W	17,54N,23W	Carroll		x	x	x			B	x		
Big Cr.	P	31.6	Mouth	9,54N,23W	Carroll		x	x	x			B	x		
Big Cr.	P	6.1	Mouth	29,31N,7E	Wayne	Madison	x	x	x			A	x		
Big Cr. Cutoff	C	1.5	Mouth	1,30N,3E	Iron		x	x	x			B	x		
Big Creek	C	5.2	34,47N,31W	18,47N,31W	Jackson		x	x	x			B	x		
Big Creek tributary	C	1.0	Mouth	9,42N,3W	Franklin		x	x	x			B	x		
Big Creek tributary	C	2.5	Mouth	21,47N,31W	Jackson		x	x	x			B	x		
Big Deer Creek	C	10.4	Mouth	15,41N,31W	Bates		x	x	x			B	x		
Big Deer Creek tributary	C	0.2	Mouth	3,41N,31W	Bates		x	x	x			B	x		
Big Deer Creek tributary	C	5.8	Mouth	7,41N,31W	Bates		x	x	x			B	x		
Big Deer Creek tributary	C	4.0	Mouth	5,41N,31W	Bates		x	x	x			B	x		
Big Deer Creek tributary	C	1.2	Mouth	22,42N,31W	Bates		x	x	x			B	x		

IRR-Irrigation
LWP-Livestock & Wildlife Protection
WWH-Protection of Warm Water Habitat
and Human Health Protection (HHP)

CLH-Cool Water Habitat
CDH-Cold Water Habitat
WBC-Whole Body Contact Recreation

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
IND-Industrial Water Supply

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Big George Br.	C	3.0	Mouth	18,32N,28W	Barton	Dade	x	x	x			B	x		
Big Gulch	C	2.2	Mouth	3,27N,11W	Douglas		x	x	x			B	x		
Big Hollow	C	3.2	Mouth	23,22N,21W	Taney		x	x	x			B	x		
Big Hollow Br.	C	2.0	Mouth	17,32N,10E	Bollinger		x	x	x			B	x		
Big Hunting Slough	C	15.9	Mouth	24,23N,6E	Butler		x	x	x			B	x		
Big Lake Bayou	C	11.3	Mouth	25,27N,15E	Mississippi		x	x	x			B	x		
Big Lake Cr.	P	6.4	Mouth	19,28N,5E	Wayne		x	x	x			B	x		
Big Lake Cr.	C	4.4	19,28N,5E	36,29N,4E	Wayne		x	x	x			B	x		
Big Lead Cr.	C	5.0	27,50N,2W	18,50N,2W	Lincoln		x	x	x			B	x		
Big Muddy Cr.	P	8.0	Mouth	33,60N,27W	Daviess		x	x	x			B	x		
Big Muddy Cr.	C	12.0	33,60N,27W	09,61N,27W	Daviess		x	x	x				x		
Big Muddy Cr.	P	10.2	Mouth	11,64N,30W	Gentry		x	x	x			B	x		
Big Muddy Cr.	C	10.9	11,64N,30W	3,65N,29W	Gentry	Harrison	x	x	x			B	x		
Big No Cr.	C	4.9	Mouth	26,63N,23W	Grundy		x	x	x			B	x		
Big Otter Cr.	C	2.0	Mouth	31,40N,25W	Henry		x	x	x			B	x		
Big Paddy Cr.	C	4.0	Mouth	32,33N,10W	Texas		x	x	x			B	x		
Big Piney River	P	96.8	Mouth	16,29N,10W	Pulaski	Texas	x	x	x	x		A	x	x	
Big Piney River	P	7.8	16,29N,10W	12,28N,11W	Texas		x	x	x			A	x	x	
Big R.	P	55.6	Mouth	Sur 3166,40N,3E	Jefferson		x	x	x	x		A	x	x	x
Big R.	P	81.3	Sur 3166, 40N,3E	12,35N,1E	Jefferson	Washington	x	x	x			A	x		x
Big R.	C	2.8	12,35N,1E	Council Bluff Lk. D.	Washington	Iron	x	x	x			B	x		
Big R.	C	2.0	Mouth	32,35N,1E	Iron		x	x	x			B	x		
Big River Cr.	C	0.7	Mouth	04,40N,05W	Gasconade		x	x	x			B	x		
Big River tributary	C	1.8	Mouth	27,43N,4E	Jefferson		x	x	x			B	x		
Big Rock Cr.	C	5.9	8,65N,30W	36,66N,30W	Worth		x	x	x			B	x		
Big Rock Cr.	P	3.7	Mouth	8,65N,30W	Worth		x	x	x			B	x		
Big Sugar Cr.	P	39.3	Mouth	26,21N,29W	McDonald	Barry	x	x	x	x		A	x		
Big Sugar Cr.	C	4.9	26,21N,29W	20,21N,28W	Barry		x	x	x			B	x		
Big Tavern Cr.	C	3.2	Mouth	23,46N,7W	Callaway		x	x	x			B	x		
Bigelow's Cr.	C	5.0	Mouth	15,44N,01E	St. Charles		x	x	x			B	x		
Billies Cr.	C	6.6	Mouth	36,29N,25W	Lawrence		x	x	x			B	x		
Billy Cr.	C	5.5	Mouth	6,62N,16W	Adair		x	x	x			B	x		
Billys Br.	C	11.5	Mouth	19,59N,13W	Macon		x	x	x			B	x		
Billy's Br.	C	1.6	06,37N,01W	05,37N,01W	Washington		x	x	x			B	x		
Billy's Br.	P	2.4	Mouth	06,37N,01W	Crawford	Washington	x	x	x			B	x		
Birch Cr.	C	4.5	Mouth	6,42N,1E	Franklin		x	x	x			B	x		
Bird Br.	C	1.0	Mouth	14,41N,22W	Benton		x	x	x			B	x		
Birkhead Br.	C	2.0	Mouth	17,49N,02E	Lincoln		x	x	x				x		
Bitterroot Cr.	C	3.0	Mouth	30,37N,33W	Vernon		x	x	x			B	x		
Black Cr.	P	19.4	Mouth	29,58N,10W	Shelby		x	x	x			B	x		
Black Cr.	C	21.8	29,58N,10W	11,59N,12W	Shelby		x	x	x			B	x		
Black Cr.	C	7.3	Mouth	35,43N,32W	Cass		x	x	x			B	x		
Black Creek	P	5.6	Mouth	7,45N,6E	St. Louis		x	x	x			B	x		
Black Creek tributary	C	0.2	Mouth	19,58N,10W	Shelby		x	x	x			B	x		
Black Creek tributary	C	1.9	Landgrant01930	Landgrant02484	St. Louis		x	x	x			B	x		

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Black Jack Cr.	C	5.0	Mouth	16,47N,25W	Johnson		x	x	x			B	x		
Black R.	P	26.9	7,29N,3E	17,32N,2E	Reynolds		x	x	x	x		A	x		x
Black R.	P	47.1	State Line	16,25N,6E	Butler		x	x	x	x		A	x	x	
Black R.	P	39.0	16,25N,6E	Clearwater Dam	Butler	Wayne	x	x	x	x		A	x	x	
Black R. Ditch	P	11.1	State Line	32,23N,7E	Butler		x	x	x			B	x		
Blackberry Cr.	C	6.5	Mouth	28,30N,33W	Jasper		x	x	x			B	x		
Blackbird Cr.	P	9.4	Mouth	2,64N,17W	Adair	Putnam	x	x	x			A	x		
Blackwater R.	P	79.4	Mouth	12,46N,27W	Cooper	Johnson	x	x	x			A	x	x	
Blair Branch	C	1.5	Mouth	8,61N,8W	Lewis		x	x	x			B	x		
Blair Branch tributary	C	0.9	Mouth	7,61N,8W	Lewis		x	x	x			B	x		
Blair Cr.	P	8.2	Mouth	31,30N,2W	Shannon		x	x	x			B	x		
Blair Cr.	C	4.3	31,30N,2W	18,30N,2W	Shannon		x	x	x			B	x		
Blair Creek	C	4.9	Mouth	10,61N,38W	Holt		x	x	x			B	x		
Blair Hollow	C	1.5	Mouth	1,22N,12W	Ozark		x	x	x			B	x		
Blay Cr.	C	2.0	Mouth	36,37N,3E	St. Francois	Washington	x	x	x			B	x		
Block Br.	P	0.6	Mouth	18,41N,04W	Gasconade		x	x	x			B	x		
Block Br.	C	1.6	18,41N,04W	11,41N,05W	Gasconade		x	x	x			B	x		
Bloom Cr.	C	3.0	Mouth	36,36N,7E	Ste. Genevieve		x	x	x			B	x		
Blue Cr.	P	1.5	Mouth	6,33N,9E	Bollinger		x	x	x			B	x		
Blue Cr.	C	1.0	6,33N,9E	7,33N,9E	Bollinger		x	x	x			B	x		
Blue Cr.	C	1.7	Mouth	31,46N,8W	Callaway		x	x	x			B	x		
Blue Cr.	P	1.8	Mouth	5,50N,17W	Howard		x	x	x			B	x		
Blue Cr.	C	2.6	5,50N,17W	4,50N,17W	Howard		x	x	x			B	x		
Blue Ditch	P	5.8	Mouth	14,27N,14E	Scott		x	x	x			B	x		
Blue Ditch	C	5.8	14,27N,14E	29,28N,14E	Scott		x	x	x			B	x		
Blue R.	P	4.4	Mouth	6,49N,32W	Jackson		x	x	x			B	x		x
Blue R.	P	9.4	6,49N,32W	2,48N,33W	Jackson		x	x	x			B	x		x
Blue R.	P	7.7	2,48N,33W	28,48N,33W	Jackson		x	x	x			A	x		
Blue R.	C	12.0	28,48N,33W	State Line	Jackson		x	x	x			B	x		
Blue Shawnee Cr.	P	1.6	8,33N,13E	17,33N,13E	Cape Girardeau		x	x	x			B	x		
Blue Shawnee Cr.	C	2.5	17,33N,13E	29,33N,13E	Cape Girardeau		x	x	x			B	x		
Blue Spring Cr.	P	1.5	Mouth	35,41N,16W	Miller		x	x	x			B	x		
Blue Spring Cr.	C	0.5	35,41N,16W	26,41N,16W	Miller		x	x	x			B	x		
Blue Spring Slough	C	15.8	34,24N,7E	35,26N,7E	Butler		x	x	x			B	x		
Blue Springs Cr.	P	4.3	Mouth	2,39N,3W	Crawford		x	x	x		x	A	x		
Blue Springs Cr.	C	1.2	2,39N,3W	3,39N,3W	Crawford		x	x	x			B	x		
Bluewater Cr.	C	1.5	Mouth	11,26N,6E	Wayne	Butler	x	x	x			B	x		
Blythes Cr.	P	6.9	Mouth	27,42,15W	Moniteau	Miller	x	x	x			B	x		
Bobs Cr.	P1	4.9	Mouth	Sur 306,49N,2E	Lincoln		x	x	x			B	x		
Bobs Cr.	P	1.7	Sur 306,49N,2E	34,49N,2E	Lincoln		x	x	x			B	x		
Bobs Cr.	C	14.2	34,49N,2E	27,50N,1E	Lincoln		x	x	x			B	x		
Boeuf Cr.	P	30.7	Mouth	22,43N,4W	Franklin		x	x	x			A	x		
Boeuf Cr.	C	8.5	15,43N,4W	5,42N,4W	Gasconade		x	x	x			B	x		
Boiling Spr. Hollow	C	1.5	Mouth	3,36N,1W	Washington		x	x	x			B	x		
Boiling Spring	P	0.1	Mouth	24,32N,10W	Texas		x	x	x			B	x		
Bois Brule Cr.	P	1.8	Mouth	20,42N,12W	Cole		x	x	x			B	x		
Bois Brule Cr.	C	9.5	20,42N,12W	20,42N,13W	Cole		x	x	x			B	x		

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Bois Brule Ditch	P	4.7	Mouth	16,36N,11E	Perry		x	x	x			B	x		
Bollinger Br.	C	3.0	Mouth	15,24N,12W	Ozark		x	x	x			B	x		
Bollinger Cr.	C	2.4	5,39N,18W	7,39N,18W	Camden		x	x	x			B	x		
Bones Br.	C	8.3	Mouth	29,41N,31W	Bates		x	x	x			B	x		
Bonhomme Cr.	C	2.5	Mouth	Sur 2031,45N,4E	St. Louis		x	x	x			B	x		
Bonne Femme Cr.	P	7.8	Mouth	20,47N,12W	Boone		x	x	x			A	x		
Bonne Femme Cr.	C	7.0	20,47N,12W	2,47N,12W	Boone		x	x	x			B	x		
Bonne Femme Cr.	P	24.0	Mouth	36,51N,16W	Howard		x	x	x			B	x		
Bonne Femme Cr.	C	13.0	36,51N,16W	22,52N,15W	Howard	Randolph	x	x	x			B	x		
Boone Cr.	P	3.8	Mouth	16,32N,9W	Texas		x	x	x			B	x		
Boone Cr.	C	1.7	16,32N,9W	15,32N,9W	Texas		x	x	x			B	x		
Boone Cr.	P	3.5	Mouth	29,41N,3W	Franklin		x	x	x			B	x		
Boone Cr.	C	8.0	29,41N,3W	15,40N,3W	Franklin		x	x	x			B	x		
Boones Br.	C	2.5	Mouth	5,49N,17W	Howard		x	x	x			B	x		
Bounds Cr.	C	2.2	Mouth	30,29N,6E	Wayne		x	x	x			B	x		
Bourbeuse R.	P	136.7	Mouth	4,39N,6W	Franklin	Phelps	x	x	x	x		A	x	x	
Bourbeuse R.	C	11.1	4,39N,6W	12,38N,7W	Phelps		x	x	x	x		A	x		
Bourbeuse River	C	6.5	12,38N,7W	32,38N,7W	Phelps		x	x	x			B	x		
Bourbeuse River tributary	C	0.7	Mouth	21,38N,7W	Phelps		x	x	x			B	x		
Bourbeuse River tributary	C	0.5	Mouth	1,42N,3W	Franklin		x	x	x			B	x		
Bourbeuse River tributary	C	0.5	Mouth	27,42N,3W	Franklin		x	x	x			A	x		
Bourbeuse River tributary	C	0.7	Mouth	12,42N,4W	Franklin		x	x	x			B	x		
Bourbeuse River tributary	C	2.1	Mouth	29,38N,7W	Phelps		x	x	x			B	x		
Bourne Cr.	P	1.9	Mouth	15,42N,4E	Jefferson		x	x	x			B	x		
Bradley Br.	C	2.2	Mouth	7,45N,26W	Johnson		x	x	x			B	x		
Brashear Hollow	C	0.9	Mouth	33,39N,15W	Camden		x	x	x			B	x		
Brawley Cr.	C	2.8	Mouth	26,45N,26W	Johnson		x	x	x			B	x		
Bray Hollow	C	1.0	Mouth	27,23N,15W	Ozark		x	x	x			B	x		
Brazeau Cr.	P	10.8	Mouth	17,34N,13E	Perry		x	x	x			B	x		
Brazil Cr.	P	13.9	Mouth	27,38N,1W	Crawford	Washington	x	x	x			A	x		
Brazil Cr.	C	1.8	27,38N,1W	26,38N,1W	Washington		x	x	x			B	x		
Brewer Lake	P	3.5	8,26N,18E	36,27N,17E	Mississippi		x	x	x			B	x		
Brewer Lake Ditch	C	4.5	5,26N,18E	20,26N,18E	Mississippi		x	x	x			B	x		
Brewers Cr.	P	2.5	Mouth	29,34N,5E	Madison		x	x	x			B	x		
Brewers Cr.	C	1.0	29,34N,5E	19,34N,5E	Madison		x	x	x			B	x		
Briar Cr.	C	6.4	Mouth	13,23N,1E	Ripley		x	x	x			B	x		
Brickley Hollow	C	0.8	Mouth	35,41N,21W	Benton		x	x	x			B	x		
Bridge Cr.	C	1.7	Mouth	36,55N,23W	Carroll		x	x	x			B	x		
Bridge Cr.	C	8.4	Mouth	7,65N,13W	Scotland	Schuyler	x	x	x			B	x		
Bridge Creek	C	33.5	Mouth	5,63N,12W	Lewis	Knox	x	x	x			B	x		
Bridge Creek tributary	C	3.8	Mouth	26,63N,12W	Knox		x	x	x			B	x		
Bridges Cr.	C	6.4	Mouth	17,22N,11W	Ozark		x	x	x			B	x		
Bright Hollow	C	2.0	Mouth	32,25N,20W	Taney	Christian	x	x	x			B	x		
Brixey Cr.	C	2.5	Mouth	17,24N,13W	Ozark		x	x	x			B	x		
Broadus Br.	C	2.1	Mouth	15,37N,18W	Camden		x	x	x			B	x		
Brock Cr.	P	3.2	Mouth	3,35N,1E	Washington		x	x	x			B	x		
Brock Cr.	C	1.5	3,35N,1E	4,35N,1E	Washington		x	x	x			B	x		

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Browne Branch	C	5.8	Mouth	25,57N,9W	Marion	Shelby	x	x	x			B	x		
Browne Branch tributary	C	1.1	Mouth	25,57N,9W	Shelby		x	x	x			B	x		
Browning Hollow	C	1.0	Mouth	20,26N,26W	Lawrence		x	x	x			B	x		
Browns Br.	C	2.5	Mouth	6,43N,1E	Franklin		x	x	x			B	x		
Browns Br.	C	3.7	6,43N,1E	13,43N,01W	Franklin		x	x	x			B	x		
Brush Cr.	C	5.3	Mouth	14,56N,10W	Monroe		x	x	x			B	x		
Brush Cr.	C	3.4	Mouth	2,53N,9W	Monroe		x	x	x			B	x		
Brush Cr.	C	0.8	Mouth	32,40N,17W	Camden		x	x	x			B	x		
Brush Cr.	P	2.2	Mouth	19,42N,23W	Henry	Benton	x	x	x			B	x		
Brush Cr.	C	2.3	Mouth	27,38N,25W	St. Clair	Polk	x	x	x			B	x		
Brush Cr.	P	12.2	Mouth	31,36N,24W	St. Clair		x	x	x	x		A	x		
Brush Cr.	P	4.7	31,36N,24W	16,35N,24W	St. Clair	Polk	x	x	x			B	x		
Brush Cr.	P	3.5	Mouth	18,42N,8W	Osage		x	x	x			B	x		
Brush Cr.	C	2.4	18,42N,8W	11,42N,9W	Osage		x	x	x			B	x		
Brush Cr.	P	6.5	Mouth	27,33N,16W	Laclede		x	x	x			B	x		
Brush Cr.	C	2.5	27,33N,16W	32,33N,16W	Laclede		x	x	x			B	x		
Brush Cr.	C	2.5	Mouth	11,43N,2E	St. Louis	Franklin	x	x	x			B	x		
Brush Cr.	C	7.8	Mouth	10,49N,4W	Montgomery		x	x	x			B	x		
Brush Cr.	P	1.4	Mouth	3,40N,1W	Franklin		x	x	x			B	x		
Brush Cr.	C	2.0	3,40N,1W	10,40N,1W	Franklin		x	x	x			B	x		
Brush Cr.	C	1.3	Mouth	26,41N,6W	Gasconade		x	x	x			B	x		
Brush Cr.	P	17.5	Mouth	Indian Lake Dam	Gasconade	Crawford	x	x	x			A	x		
Brush Cr.	C	2.0	23,39N,5W	27,39N,5W	Crawford		x	x	x			B	x		
Brush Cr.	P	7.4	Mouth	11,25N,13W	Ozark	Douglas	x	x	x			B	x		
Brush Cr.	C	1.5	11,25N,13W	1,25N,13W	Douglas		x	x	x			B	x		
Brush Cr.	C	7.4	Mouth	8,51N,34W	Platte		x	x	x			B	x		
Brush Cr.	C	2.3	Mouth	24,28N,8E	Wayne		x	x	x			B	x		
Brush Cr.	C	8.0	19,42N,23W	35,43N,23W	Benton		x	x	x			B	x		
Brush Cr.	P	1.8	Mouth	17,43N,10W	Osage		x	x	x			B	x		
Brush Cr.	C	2.0	16,35N,24W	22,35N,24W	Polk		x	x	x			B	x		
Brush Cr.	C	5.9	Mouth	36,50N,27W	Lafayette		x	x	x			B	x		
Brush Cr.	C	4.5	Mouth	26,66N,25W	Mercer		x	x	x			B	x		
Brush Cr.	C	5.0	Mouth	8,65N,26W	Harrison		x	x	x			B	x		
Brush Cr.	C	26.3	Mouth	2,59N,17W	Chariton	Macon	x	x	x			B	x		
Brush Cr.	P	0.5	Mouth	27,43N,14W	Cole		x	x	x			B	x		
Brush Cr.	C	5.0	27,43N,14W	16,42N,14W	Cole	Miller	x	x	x				x		
Brush Creek	C	5.4	Mouth	State Line	Jackson		x	x	x			B	x		
Brush Fk.	C	1.4	Mouth	23,45N,06W	Gasconade		x	x	x			B	x		
Brushy Br.	C	1.5	Mouth	1,42N,6W	Gasconade		x	x	x			B	x		
Brushy Br.	C	1.8	Mouth	11,49N,7W	Callaway		x	x	x			B	x		
Brushy Cr.	P	1.4	Mouth	04,40N,20W	Benton		x	x	x			B	x		
Brushy Cr.	P	3.5	Mouth	5,30N,9W	Texas		x	x	x			B	x		
Brushy Cr.	C	3.8	5,30N,9W	14,30N,09W	Texas		x	x	x			B	x		
Brushy Cr.	C	3.0	Mouth	Sur 1708,51N,1W	Lincoln		x	x	x			B	x		
Brushy Cr.	C	1.9	Mouth	7,35N,9E	Ste. Genevieve		x	x	x			B	x		
Brushy Cr.	C	6.4	Mouth	31,24N,17W	Taney		x	x	x			B	x		
Brushy Cr.	P	3.0	Mouth	17,30N,3W	Shannon		x	x	x			B	x		

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Brushy Cr.	C	1.6	17,30N,3W	16,30N,3W	Shannon		x	x	x			B	x		
Brushy Cr.	C	4.5	Mouth	25,33N,1W	Reynolds		x	x	x			B	x		
Brushy Cr.	P	3.0	Mouth	28,27N,4E	Wayne		x	x	x			A	x		
Brushy Cr.	C	1.9	28,27N,4E	30,27N,4E	Wayne		x	x	x			A	x		
Brushy Cr.	C	1.0	Mouth	34,31N,4E	Iron		x	x	x			B	x		
Brushy Cr.	C	12.1	Mouth	State Line	Nodaway	Worth	x	x	x			B	x		
Brushy Cr.	C	1.5	Mouth	27,46N,23W	Pettis		x	x	x				x		
Brushy Cr.	C	7.0	Mouth	18,54N,29W	Caldwell	Ray	x	x	x			B	x		
Brushy Cr.	C	0.5	32,46N,21W	5,45N,21W	Pettis		x	x	x			B	x		
Brushy Cr.	C	2.2	Mouth	1,52N,32W	Clay		x	x	x			B	x		
Brushy Cr.	C	5.4	Mouth	30,60N,26W	Daviess		x	x	x			B	x		
Brushy Cr.	C	8.1	Mouth	8,57N,29W	Caldwell		x	x	x			B	x		
Brushy Cr.	C	4.5	Mouth	36,65N,14W	Schuyler		x	x	x			B	x		
Brushy Cr.	C	5.2	Mouth	7,46N,11W	Boone		x	x	x			B	x		
Brushy Cr.	P	3.8	Mouth	SW 32,46N,21W	Pettis		x	x	x			B	x		
Brushy Creek	C	5.1	Mouth	8,43N,2W	Franklin		x	x	x			B	x		
Brushy Creek tributary	C	2.8	Mouth	5,43N,2W	Franklin		x	x	x			B	x		
Brushy Fk.	C	5.0	Mouth	12,39N,14W	Miller		x	x	x	x		A	x		
Brushy Fk.	C	1.0	Mouth	12,38N,1W	Washington		x	x	x			B	x		
Brushy Fk.	C	4.0	Mouth	21,49N,2E	Lincoln		x	x	x			B	x		
Brushy Hollow	C	1.0	Mouth	25,23N,15W	Ozark		x	x	x			B	x		
Brushy Hollow Br.	P	1.3	Mouth	Sur 430,37N,2E	Washington		x	x	x			B	x		
Bryant Cr.	P	16.4	Mouth	3,23N,12W	Ozark	Douglas	x	x	x	x		A	x		
Bryant Cr.	P	1.0	3,23N,12W	34,24N,12W	Ozark		x	x	x		x	A	x		
Bryant Cr.	P	44.8	34,24N,12W	17,27N,15W	Ozark	Douglas	x	x	x	x		A	x		
Bryants Creek	C	13.2	Mouth	28,51N,1E	Pike	Lincoln	x	x	x			B	x		
Bryants Creek tributary	C	0.9	28,51N,1E	Landgrant01819	Lincoln		x	x	x			B	x		
Bryants Creek tributary	C	0.6	Mouth	Landgrant01743	Lincoln		x	x	x			B	x		
Bryants Creek tributary	C	1.7	Mouth	20,51N,1E	Lincoln		x	x	x			B	x		
Bryants Creek tributary	C	4.8	22,51N,1E	13,51N,1W	Lincoln		x	x	x			B	x		
Buchler Cr.	P	1.4	Mouth	14,42N,09W	Osage		x	x	x			B	x		
Buck Branch	C	13.2	Mouth	19,29N,30W	Jasper		x	x	x			B	x		
Buck Branch tributary	C	1.8	Mouth	15,29N,32W	Jasper		x	x	x			B	x		
Buck Branch tributary	C	2.2	Mouth	14,29N,32W	Jasper		x	x	x			B	x		
Buck Cr.	C	1.5	Mouth	23,42N,8W	Osage		x	x	x			B	x		
Buck Cr.	C	1.0	Mouth	14,40N,5E	Jefferson		x	x	x			B	x		
Buck Cr.	P	4.0	Mouth	24,33N,9E	Bollinger		x	x	x			B	x		
Buck Cr.	C	1.2	24,33N,9E	14,33N,9E	Bollinger		x	x	x			B	x		
Buck Elk Br.	C	1.0	Mouth	11,41N,8W	Osage		x	x	x			B	x		
Buck Elk Cr.	P	1.5	Mouth	9,41N,8W	Osage		x	x	x			B	x		
Buck Elk Cr.	C	1.0	9,41N,8W	10,41N,8W	Osage		x	x	x			B	x		
Buckeye Cr.	P	3.4	Mouth	14,33N,12E	Cape Girardeau		x	x	x			B	x		
Buckeye Creek	C	3.9	14,33N,12E	35,33N,12E	Cape Girardeau		x	x	x			B	x		
Buckeye Creek tributary	C	3.0	Mouth	36,33N,12E	Cape Girardeau		x	x	x			B	x		
Buckland Cr.	C	5.4	Mouth	30,44N,2W	Franklin		x	x	x			B	x		
Buffalo Cr.	P	3.1	Mouth	5,53N,1W	Pike		x	x	x			B	x		x
Buffalo Cr.	C	3.7	5,53N,1W	19,53N,1W	Pike		x	x	x			B	x		

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Buffalo Cr.	P	5.4	Mouth	20,24N,1E	Ripley		x	x	x			B	x		
Buffalo Cr.	P	10.7	State Line	7,23N,33W	McDonald		x	x	x	x	x	A	x		
Buffalo Cr.	P	8.0	5,23N,33W	14,24N,33W	McDonald	Newton	x	x	x	x		A	x		
Buffalo Cr.	C	2.1	Mouth	28,48N,22W	Saline	Pettis	x	x	x			B	x		
Buffalo Creek	C	4.5	14,24N,33W	9,24N,32W	Newton		x	x	x			B	x		
Buffalo Creek tributary	C	0.3	Mouth	9,24N,32W	Newton		x	x	x			B	x		
Buffalo Creek tributary	C	0.9	Mouth	4,24N,32W	Newton		x	x	x			B	x		
Buffalo Ditch	P	17.3	State Line	11,18N,9E	Dunklin		x	x	x			B	x		
Buffalo Ditch	C	3.0	11,18N,9E	36,19N,9E	Dunklin		x	x	x			B	x		
Bull Cr.	P	5.0	Mouth	34,24N,21W	Taney		x	x	x		x	A	x		
Bull Cr.	P	18.9	34,24N,21W	33,26N,20W	Taney	Christian	x	x	x	x		A	x		
Bull Cr.	C	3.2	33,26N,20W	22,26N,20W	Christian		x	x	x			A	x		
Bull Shoals Lake tributary	C	1.9	Mouth	36,24N,20W	Taney		x	x	x			B	x		
Bullskin Cr.	P	4.9	Mouth	26,24N,32W	McDonald	Newton	x	x	x			B	x		
Bullskin Creek	C	2.4	26,24N,32W	19,24N,31W	Newton		x	x	x			B	x		
Bullskin Creek tributary	C	1.4	Mouth	23,24N,32W	Newton		x	x	x			B	x		
Buncomb Br.	C	1.2	Mouth	25,48N,23W	Pettis		x	x	x			B	x		
Burgher Br.	C	1.5	Mouth	07,37N,07W	Phelps		x	x	x			B	x		
Burkhart Br.	C	3.7	Mouth	12,31N,12W	Texas		x	x	x			B	x		
Burney Br.	C	4.5	Mouth	21,31N,24W	Dade	Greene	x	x	x			B	x		
Burr Oak Cr.	C	6.8	Mouth	19,49N,31W	Jackson		x	x	x			B	x		
Burr Oak Cr.	C	2.0	Mouth	33,54N,25W	Carroll		x	x	x			B	x		
Burris Fk.	C	8.0	10,43N,16W	25,43N,17W	Moniteau	Morgan	x	x	x			B	x		
Burris Fk.	P	13.2	Mouth	10,43N,16W	Moniteau		x	x	x			A	x		
Burton Br.	C	2.0	Mouth	13,31N,10W	Texas		x	x	x			B	x		
Busch Cr.	C	2.0	Mouth	23,44N,1W	Franklin		x	x	x			B	x		
Butcher Br.	P	1.4	Mouth	12,40N,03E	Jefferson		x	x	x			B	x		
Butcher Cr.	C	1.0	Mouth	15,48N,1E	Lincoln		x	x	x			B	x		
Butler Cr.	C	4.0	State Line	17,21N,27W	Barry		x	x	x			B	x		
Butler Cr.	P	3.9	Mouth	State Line	McDonald		x	x	x	x		A	x		
Bynum Cr.	C	5.9	Mouth	16,49N,9W	Callaway		x	x	x			B	x		
Byrd Cr.	P	14.6	Mouth	Sur 325,32N,12E	Cape Girardeau		x	x	x			B	x		
Byrd Cr.	C	1.5	Sur 325,32N,12E	33,33N,12E	Cape Girardeau		x	x	x			B	x		
Cabanne Course	C	1.5	Mouth	3,37N,4E	St. Francois		x	x	x			B	x		
Cache R. Ditch	C	7.7	State Line	36,23N,7E	Butler		x	x	x			B	x		
Cadet Cr.	P	2.1	Mouth	34,44N,10W	Osage		x	x	x			B	x		
Cadet Cr.	C	1.0	34,44N,10W	26,44N,10W	Osage		x	x	x			B	x		
Cadet Cr.	P	2.0	Mouth	27,38N,3E	Washington		x	x	x			B	x		
Cahoochie Cr.	C	4.0	Mouth	9,36N,20W	Dallas		x	x	x			B	x		
Calico Cr.	C	5.4	Mouth	02,39N,02E	Jefferson	Washington	x	x	x			A	x		
California Br.	C	2.7	Mouth	17,40N,1E	Franklin	Washington	x	x	x			B	x		
Callahan Cr.	C	13.8	Mouth	23,50N,14W	Boone		x	x	x				x		
Callaway Fk.	C	4.5	Mouth	6,45N,2E	St. Charles		x	x	x			B	x		
Calton Cr.	C	5.5	Mouth	16,25N,26W	Barry		x	x	x			B	x		
Calumet Cr.	P	1.8	Mouth	18,53N,1E	Pike		x	x	x			B	x		
Calumet Cr.	C	4.0	18,53N,1E	26,53N,1W	Pike		x	x	x			B	x		
Calvey Cr.	P	3.0	Mouth	4,42N,2E	Franklin		x	x	x			B	x		

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Calvey Cr.	C	4.5	4,42N,2E	13,42N,2E	Franklin		x	x	x			B	x		
Camp Br.	C	16.1	Mouth	33,45N,30W	Johnson	Cass	x	x	x			B	x		
Camp Br.	C	7.3	Mouth	20,39N,29W	Bates		x	x	x			B	x		
Camp Br.	C	4.0	Mouth	27,48N,3W	Warren		x	x	x			B	x		
Camp Br.	C	3.5	Mouth	35,29N,10W	Texas		x	x	x				x		
Camp Br.	C	10.1	Mouth	24,45N,23W	Pettis		x	x	x			B	x		
Camp Branch	C	4.8	13,53N,32W	30,54N,31W	Clay	Clinton	x	x	x			B	x		
Camp Cr.	C	3.2	Mouth	23,38N,9W	Phelps		x	x	x			B	x		
Camp Cr.	P	6.3	Mouth	26,49N,3W	Lincoln	Warren	x	x	x			B	x		
Camp Cr.	C	6.0	26,49N,3W	16,48N,3W	Warren		x	x	x			B	x		
Camp Cr.	C	1.0	Mouth	16,25N,21W	Christian		x	x	x			B	x		
Camp Cr.	P	5.3	Mouth	34,30N,4E	Wayne		x	x	x			B	x		
Camp Cr.	C	1.3	34,30N,4E	33,30N,4E	Wayne		x	x	x			B	x		
Camp Cr.	C	2.0	28,36N,6E	29,36N,06E	St. Francois		x	x	x			B	x		
Camp Cr.	C	5.5	Mouth	24,50N,20W	Saline		x	x	x			B	x		
Campbell Br.	C	2.3	Mouth	7,48N,2E	Lincoln		x	x	x			B	x		
Campbell Cr.	C	2.8	Mouth	19,61N,30W	Gentry		x	x	x				x		
Campbell Cr.	C	5.9	Mouth	24,56N,23W	Livingston		x	x	x			B	x		
Candy Creek	C	7.5	Mouth	12,56N,35W	Buchanan		x	x	x			B	x		
Candy Creek tributary	C	4.6	Mouth	1,56N,35W	Buchanan		x	x	x			B	x		
Candy Creek tributary	C	1.1	Mouth	24,57N,35W	Buchanan		x	x	x			B	x		
Cane Cr.	P	8.7	Mouth	Sur 3146,32N,12E	Cape Girardeau		x	x	x			B	x		
Cane Cr.	C	4.0	Sur 3146, 32N,12E	7,32N,13E	Cape Girardeau		x	x	x			B	x		
Cane Cr.	C	4.0	Mouth	28,23N,18W	Taney		x	x	x	x		B	x		
Cane Cr.	P	27.5	30,23N,6E	5,25N,5E	Butler		x	x	x	x		A	x		
Cane Cr.	C	15.9	5,25N,5E	15,26N,3E	Butler	Carter	x	x	x	x		A	x		
Cane Cr.	C	9.8	Mouth	30,23N,6E	Butler		x	x	x			B	x		
Cane Cr.	C	3.6	6,29N,10E	27,30N,9E	Bollinger		x	x	x			B	x		
Cane Cr.	P	8.4	Mouth	6,29N,10E	Bollinger		x	x	x			B	x		
Cane Cr. Ditch	P	7.5	State Line	30,23N,6E	Butler		x	x	x			B	x		
Caney Cr.	C	3.0	Mouth	11,24N,17W	Taney		x	x	x			A	x		
Caney Cr.	C	7.0	Mouth	5,23N,13W	Ozark		x	x	x			B	x		
Caney Cr.	C	11.5	9,28N,12E	36,29N,13E	Scott		x	x	x				x		
Caney Fk.	P	5.3	Mouth	3,32N,11E	Cape Girardeau		x	x	x			B	x		
Caney Fk.	C	4.0	3,32N,11E	28,33N,11E	Cape Girardeau		x	x	x			B	x		
Cannon Br.	P	0.8	Mouth	17,36N,25W	St. Clair		x	x	x			B	x		
Cantrell Cr.	P	7.8	Mouth	07,30N,16W	Webster		x	x	x			B	x		
Cantrell Cr.	C	5.9	07,30N,16W	32,30N,16W	Webster		x	x	x			B	x		
Cape Cr.	P	1.0	Mouth	22,33N,8E	Madison		x	x	x			B	x		
Cape Cr.	C	0.5	22,33N,8E	22,33N,8E	Madison		x	x	x			B	x		
Cape La Croix Creek	P	7.2	Mouth	Landgrant03314	Cape Girardeau		x	x	x			B	x		
Capps Cr.	P	5.0	Mouth	17,25N,28W	Newton	Barry	x	x	x	x	x	A	x		
Captain Cr.	C	1.0	Mouth	24,32N,5E	Madison		x	x	x			B	x		
Carney Cr.	C	4.5	Mouth	3,24N,25W	Barry		x	x	x			B	x		
Carroll Cr.	C	9.4	Mouth	04,53N,30W	Clay		x	x	x			B	x		
Carter Cr.	C	1.0	Mouth	5,39N,2W	Crawford		x	x	x			B	x		
Carter Cr.	C	6.0	Mouth	4,27N,1E	Carter		x	x	x			B	x		

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Carver Br.	P	3.0	Mouth	13,26N,32W	Newton		x	x	x			A	x		
Carver Cr.	P	1.6	Mouth	28,32N,3E	Iron		x	x	x			B	x		
Carver Cr.	C	4.0	28,32N,3E	16,32N,3E	Iron		x	x	x			B	x		
Casmer Br.	C	1.5	Mouth	12,48N,2W	Lincoln		x	x	x			B	x		
Cason Br.	C	2.5	Mouth	21,45N,10W	Callaway		x	x	x				x		
Castile Cr.	C	40.2	Mouth	24,58N,32W	Buchanan	DeKalb	x	x	x			B	x	x	
Casto Cr.	C	4.3	Mouth	14,27N,16W	Douglas		x	x	x			B	x		
Castor R.	P	45.5	Mouth	31,28N,10E	Stoddard		x	x	x			B	x		
Castor R.	C	10.5	31,28N,10E	12,28N,9E	Stoddard	Bollinger	x	x	x			B	x		
Castor R.	P	7.5	12,28N,9E	29,29N,9E	Bollinger		x	x	x			A	x		
Castor R.	P	59.0	29,29N,9E	19,34N,8E	Bollinger	Madison	x	x	x	x	x	A	x		
Castor R.	C	2.5	19,34N,8E	7,34N,8E	Madison	St. Francois	x	x	x			B	x		
Castor R. Div. Chan.	P	12.2	4,29N,11E	12,28N,9E	Cape Girardeau	Bollinger	x	x	x			A	x	x	
Castro Valley	C	3.4	Mouth	1,29N,6W	Shannon		x	x	x			B	x		
Cat Branch	C	4.9	Mouth	10,57N,12W	Shelby		x	x	x			B	x		
Cat Branch tributary	C	2.9	Mouth	8,57N,12W	Shelby		x	x	x			B	x		
Cat Hollow	C	2.5	Mouth	33,35N,18W	Dallas		x	x	x			B	x		
Cathcart Hollow	C	1.8	Mouth	20,31N,09W	Texas		x	x	x			B	x		
Cato Slough	C	5.7	Mouth	15,28N,9E	Bollinger		x	x	x			B	x		
Caulks Creek	C	8.3	Mouth	6,44N,4E	St. Louis		x	x	x			B	x		
Cave Br.	C	2.7	Mouth	13,36N,27W	Cedar		x	x	x			B	x		
Cave Cr.	C	3.2	Mouth	14,34N,18W	Dallas		x	x	x			B	x		
Cave Cr.	C	0.5	Mouth	29,48N,15W	Cooper		x	x	x			B	x		
Cave Fk.	C	3.4	Mouth	10,24N,1W	Ripley		x	x	x			B	x		
Cave Spring Br.	C	1.2	16,28N,29W	21,28N,29W	Jasper		x	x	x			B	x		
Cave Spring Branch	C	4.4	State Line	25,21N,34W	McDonald		x	x	x			B	x		
Cave Spring Cr.	C	1.2	Mouth	5,43N,33W	Cass		x	x	x			B	x		
Cave Spring Hollow	C	1.5	Mouth	12,29N,2E	Reynolds		x	x	x			B	x		
Cedar Bottom Cr.	P	3.5	Mouth	32,33N,6E	Madison		x	x	x			B	x		
Cedar Bottom Cr.	C	3.0	32,33N,6E	10,32N,6E	Madison		x	x	x			B	x		
Cedar Br.	P	2.7	Mouth	16,31N,10E	Bollinger		x	x	x			B	x		
Cedar Br.	C	1.7	16,31N,10E	8,31N,10E	Bollinger		x	x	x			B	x		
Cedar Cr.	P	31.0	Mouth	20,34N,27W	Cedar		x	x	x			A	x		
Cedar Cr.	C	16.2	20,34N,27W	10,32N,28W	Cedar	Dade	x	x	x			B	x		
Cedar Cr.	C	2.0	Mouth	15,42N,6W	Gasconade		x	x	x			B	x		
Cedar Cr.	P	11.3	Mouth	34,35N,2E	Washington	Iron	x	x	x			A	x		
Cedar Cr.	C	2.6	Sur 2184,35N,2E	5,34N,2E	Iron		x	x	x			B	x		
Cedar Cr.	C	2.8	2,22N,19W	6,22N,18W	Taney		x	x	x			B	x		
Cedar Cr.	P	6.5	Mouth	11,30N,6E	Wayne		x	x	x			B	x		
Cedar Cr.	P	2.2	Mouth	28,26N,32W	Newton		x	x	x			B	x		
Cedar Cr.	C	4.3	Mouth	12,47N,32W	Jackson		x	x	x			B	x		
Cedar Cr.	C	4.9	Mouth	34,40N,08W	Maries		x	x	x			B	x		
Cedar Cr.	C	37.4	21,46N,11W	3,49N,11W	Callaway		x	x	x			B	x		
Cedar Cr.	P	14.0	Mouth	21,46N,11W	Callaway		x	x	x			B	x		
Cedar Cr.	P	7.5	Mouth	20,44N,8W	Osage		x	x	x			B	x		
Cedar Cr.	C	4.7	20,44N,8W	3,43N,8W	Osage		x	x	x			B	x		

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Cedar Cr.	C	3.3	Mouth	26,46N,21W	Pettis		x	x	x			B	x		
Cedar Creek tributary	C	0.9	Mouth	2,47N,32W	Jackson		x	x	x			B	x		
Cedar Fk.	C	8.8	Mouth	18,43N,3W	Franklin		x	x	x			B	x		
Cedar Fk.	P	3.4	Mouth	9,35N,9E	Perry		x	x	x			B	x		
Cedar Fk.	C	1.2	9,35N,9E	16,35N,9E	Perry		x	x	x			B	x		
Cedar Run	C	1.1	Mouth	21,37N,05E	St. Francois		x	x	x			B	x		
Center Cr.	P	26.8	14,28N,34W	34,28N,31W	Jasper		x	x	x	x		A	x	x	
Center Cr.	P	21.0	34,28N,31W	23,27N,29W	Jasper	Newton	x	x	x			A	x	x	
Center Cr.	P	4.9	23,27N,29W	17,27N,28W	Newton	Lawrence	x	x	x	x	x	A	x	x	
Center Cr.	P	4.5	17,27N,29W	26,27N,28W	Lawrence		x	x	x			A	x		
Center Creek tributary	C	2.7	Mouth	30,29N,32W	Jasper		x	x	x			B	x		
Chaney Br.	C	4.0	Mouth	6,32N,28W	Barton	Dade	x	x	x			B	x		
Chapel Cr.	C	2.0	Mouth	Sur 2149,33N,6E	Madison		x	x	x			B	x		
Chapman Br.	C	1.9	Mouth	33,64N,32W	Gentry		x	x	x			B	x		
Chariton R.	P	111.0	Mouth	State Line	Chariton	Putnam	x	x	x			A	x		
Charleton Hollow	P	0.7	5,23N,33W	9,23N,33W	McDonald		x	x	x			B	x		
Charrette Creek	P	20.5	Mouth	24,46N,2W	Warren		x	x	x			A	x		
Charrette Creek	C	4.8	24,46N,2W	8,46N,1W	Warren		x	x	x			B	x		
Charrette Creek tributary	C	1.1	Mouth	8,46N,1W	Warren		x	x	x			B	x		
Chat Creek	C	4.7	Mouth	19,26N,25W	Lawrence		x	x	x			B	x		
Cheese Cr.	C	4.7	Mouth	09,43N,21W	Pettis	Benton	x	x	x			B	x		
Cherry Valley Cr.	C	3.2	Mouth	10,37N,3W	Crawford		x	x	x			B	x		
Chesapeake Cr.	P	3.2	Mouth	29,28N,25W	Lawrence		x	x	x	x	x	B	x		
Chute of Island No.7	C	1.4	26,23N,16E	36,23N,16E	Mississippi		x	x	x			B	x		
Cicero Cr.	P	1.0	Mouth	9,38N,1W	Washington		x	x	x			B	x		
Cinque Hommes Cr.	P	17.1	Mouth	28,35N,11E	Perry		x	x	x			B	x		
Cinque Hommes Cr.	C	5.0	28,35N,11E	36,35N,10E	Perry		x	x	x			B	x		
Clabber Cr.	C	3.0	Mouth	14,45N,9W	Callaway		x	x	x			B	x		
Clammer Br.	C	1.0	Mouth	8,38N,27W	St. Clair		x	x	x			B	x		
Clark Br.	C	8.6	Mouth	29,56N,18W	Chariton		x	x	x			B	x		
Clark Cr.	P	5.0	Mouth	12,29N,14W	Wright		x	x	x			B	x		
Clark Cr.	C	5.6	12,29N,14W	3,28N,14W	Wright		x	x	x			B	x		
Clark Cr.	P	11.1	Mouth	20,29N,4E	Wayne		x	x	x	x	x	B	x		
Clark Cr.	C	1.5	20,29N,4E	29,29N,4E	Wayne		x	x	x			B	x		
Clark Fk.	C	8.3	Mouth	15,47N,16W	Cooper		x	x	x			B	x		
Clark Fk.	P	1.0	Mouth	15,43N,13W	Cole		x	x	x			B	x		
Clark Fk.	C	6.0	15,43N,13W	34,43N,13W	Cole		x	x	x			B	x		
Clayton Br.	P	2.0	Mouth	20,34N,1E	Iron		x	x	x			B	x		
Clayton Br.	C	1.4	20,34N,1E	18,34N,1E	Iron		x	x	x			B	x		
Clayton Hollow	C	1.0	Mouth	3,24N,18W	Taney		x	x	x			B	x		
Clear Cr.	C	4.7	Mouth	27,56N,10W	Monroe		x	x	x			B	x		
Clear Cr.	C	4.8	Mouth	27,42N,23W	Benton		x	x	x			B	x		
Clear Cr.	C	4.0	Mouth	11,44N,30W	Cass		x	x	x			B	x		
Clear Cr.	P	28.2	Mouth	10,35N,29W	St. Clair	Vernon	x	x	x			A	x		
Clear Cr.	C	22.3	10,35N,29W	16,34N,30W	Vernon		x	x	x			B	x		
Clear Cr.	P	15.2	Mouth	4,29N,23W	Greene		x	x	x			B	x		
Clear Cr.	C	4.3	Mouth	5,47N,5W	Montgomery		x	x	x			B	x		

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Clear Cr.	C	1.6	Mouth	16,37N,1W	Washington		x	x	x			B	x		
Clear Cr.	C	2.0	Mouth	16,39N,6W	Phelps		x	x	x			B	x		
Clear Cr.	C	4.4	Mouth	17,39N,2E	Washington		x	x	x			B	x		
Clear Cr.	P	4.2	Mouth	19,36N,2E	Washington		x	x	x			B	x		
Clear Cr.	C	2.4	19,36N,2E	13,36N,1E	Washington		x	x	x			B	x		
Clear Cr.	C	13.0	Mouth	State Line	Nodaway		x	x	x			B	x		
Clear Cr.	P	11.1	Mouth	28,26N,28W	Newton	Lawrence	x	x	x			B	x		
Clear Cr.	C	3.5	28,26N,28W	36,26N,28W	Lawrence	Barry	x	x	x			B	x		
Clear Cr.	P	5.0	Mouth	26,53N,31W	Clay		x	x	x			B	x		
Clear Cr.	C	6.0	Mouth	25,59N,26W	Daviess		x	x	x			B	x		
Clear Cr.	C	3.3	Mouth	10,57N,5W	Marion		x	x	x			B	x		
Clear Cr.	C	5.5	Mouth	22,47N,19W	Cooper		x	x	x			B	x		
Clear Creek	C	16.6	26,53N,31W	9,55N,31W	Clay	Clinton	x	x	x				x		
Clear Fk.	C	1.5	Mouth	32,42N,6W	Gasconade		x	x	x			B	x		
Clear Fk.	C	7.0	Mouth	36,49N,6W	Montgomery		x	x	x			B	x		
Clear Fk.	P	25.8	Mouth	26,45N,25W	Johnson		x	x	x			B	x		
Clear Fk.	C	10.1	26,45N,25W	18,44N,24W	Johnson		x	x	x			B	x		
Clear Spring	P	0.3	Mouth	19,28N,08W	Texas		x	x	x			B	x		
Cliffy Br.	C	2.3	Mouth	36,44N,15W	Moniteau		x	x	x			B	x		
Clifton Cr.	C	5.5	Mouth	10,45N,11W	Callaway		x	x	x			B	x		
Clifty Cr.	C	11.4	Mouth	16,27N,12W	Douglas		x	x	x			B	x		
Clifty Hollow Cr.	C	2.9	Mouth	11,38N,10W	Maries		x	x	x			B	x		
Clubb Cr.	P	3.7	Mouth	2,29N,9E	Bollinger		x	x	x			B	x		
Clubb Cr.	C	2.1	2,29N,9E	33,30N,9E	Bollinger		x	x	x			B	x		
Coakley Hollow	C	1.6	Mouth	9,38N,15W	Camden		x	x	x			B	x		
Coal Cr.	P	5.8	Mouth	35,42N,26W	Henry		x	x	x			B	x		
Coal Cr.	C	2.0	Mouth	1,65N,26W	Harrison		x	x	x			B	x		
Coalbank Cr.	C	1.8	Mouth	27,47N,17W	Cooper		x	x	x			B	x		
Coates Br.	P	3.0	Mouth	36,32N,24W	Polk		x	x	x			B	x		
Coatney Cr.	P	2.0	Mouth	15,36N,19W	Dallas		x	x	x			B	x		
Cobb Cr.	P	2.1	Mouth	21,33N,14W	Laclede		x	x	x			B	x		
Cobb Cr.	C	2.3	21,33N,14W	32,33N,14W	Laclede		x	x	x			B	x		
Coffman Hollow	C	1.0	Mouth	14,37N,1W	Washington		x	x	x			B	x		
Coldwater Cr.	C	4.6	34,44N,33W	8,43N,33W	Cass		x	x	x			B	x		
Coldwater Cr.	C	6.9	Mouth	13,47N,6E	St. Louis		x	x	x			B	x		x
Coldwater Cr.	P	4.3	Mouth	27,35N,8E	Ste. Genevieve		x	x	x			B	x		
Coldwater Cr.	C	0.9	27,35N,8E	33,35N,8E	Ste. Genevieve		x	x	x			B	x		
Cole Camp Cr.	P	18.1	Mouth	07,42N,21W	Benton		x	x	x	x	x	B	x		
Cole Camp Cr.	C	4.8	07,42N,21W	26,43N,21W	Benton		x	x	x			B	x		
Cole Cr.	C	1.5	Mouth	4,45N,5W	Gasconade		x	x	x			B	x		
Cole Cr.	C	2.0	Mouth	17,51N,14W	Howard		x	x	x			B	x		
Cole Cr.	C	5.7	Mouth	Sur 3280,47N,4E	St. Charles		x	x	x			B	x		
Collier Cr.	C	1.5	Mouth	10,30N,5E	Wayne		x	x	x			B	x		
Collier Cr.	C	2.5	Mouth	18,45N,8W	Callaway		x	x	x			B	x		
Compton Br.	C	1.7	Mouth	16,36N,1E	Washington		x	x	x			B	x		
Comstock Cr.	P	1.0	Mouth	34,34N,33W	Vernon		x	x	x			B	x		
Comstock Cr.	C	7.5	34,34N,33W	8,33N,32W	Barton		x	x	x			B	x		

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Conner Cr.	C	5.0	Mouth	5,46N,11W	Boone		x	x	x			B	x		
Conns Cr.	C	2.0	20,37N,14W	26,37N,14W	Camden		x	x	x			B	x		
Conrad Cr.	P	3.2	Mouth	5,33N,9E	Bollinger		x	x	x			B	x		
Conrad Cr.	C	1.5	5,33N,9E	1,33N,8E	Bollinger		x	x	x			B	x		
Contrary Cr.	P	1.5	Mouth	13,43N,7W	Osage		x	x	x			B	x		
Contrary Cr.	C	4.5	13,43N,7W	9,43N,7W	Osage		x	x	x			B	x		
Contrary Cr.	C	10.0	Mouth	30,56N,35W	Buchanan		x	x	x			B	x		
Cook Hollow	C	2.0	Mouth	35,25N,21W	Taney	Christian	x	x	x			B	x		
Coon Cr.	C	3.6	Mouth	24,51N,14W	Boone		x	x	x			B	x		
Coon Cr.	C	11.8	Mouth	08,53N,13W	Monroe	Randolph	x	x	x			B	x		
Coon Cr.	P	1.9	Mouth	22,30N,14W	Wright		x	x	x			B	x		
Coon Cr.	C	1.6	22,30N,14W	17,30N,14W	Wright		x	x	x			B	x		
Coon Cr.	C	13.2	Mouth	10,50N,6W	Montgomery		x	x	x			B	x		
Coon Cr.	C	9.2	Mouth	Hwy. 47	Lincoln		x	x	x			B	x		
Coon Cr.	C	5.1	Mouth	24,22N,21W	Taney		x	x	x			B	x		
Coon Cr.	C	7.5	Mouth	14,30N,30W	Barton	Jasper	x	x	x			B	x		
Coon Cr.	C	12.2	Mouth	5,29N,28W	Dade	Lawrence	x	x	x			B	x		
Coon Cr.	C	5.8	Mouth	16,45N,22W	Pettis		x	x	x			B	x		
Coon Hollow	C	1.6	Mouth	3,34N,2E	Iron		x	x	x			B	x		
Coon Hollow	C	4.4	Mouth	14,28N,07W	Texas		x	x	x			B	x		
Cooney Cr.	C	0.8	Mouth	11,40N,20W	Benton		x	x	x			B	x		
Coonville Cr.	C	1.3	Mouth	30,38N,5E	St. Francois		x	x	x			B	x		
Cooper Cr.	P	0.9	Mouth	07,22N,21W	Taney		x	x	x			B	x		
Cooper Cr.	C	1.1	07,22N,21W	06,22N,21W	Taney		x	x	x			B	x		
Cooper Creek tributary	C	2.9	Mouth	8,39N,26W	St. Clair		x	x	x			B	x		
Coopers Cr.	C	7.3	Mouth	6,39N,26W	Henry	St. Clair	x	x	x			B	x		
Coppedge Cr.	C	1.2	Mouth	35,39N,7W	Maries		x	x	x			B	x		
Corn Cr.	C	1.1	Mouth	36,36N,09W	Phelps		x	x	x			B	x		
Cotter Cr.	C	1.5	Mouth	23,40N,4E	Jefferson		x	x	x			B	x		
Cotton Wood Cr.	C	3.5	Mouth	3,54N,18W	Chariton		x	x	x			B	x		
Cottonwood Cr.	C	2.0	Mouth	28,36N,33W	Vernon		x	x	x			B	x		
Cottonwood Cr.	C	3.9	Mouth	7,50N,25W	Lafayette		x	x	x			B	x		
Cottonwood Cr.	C	4.3	Mouth	5,56N,27W	Caldwell		x	x	x			B	x		
Cottonwood Cr.	C	2.4	Mouth	2,55N,25W	Livingston	Carroll	x	x	x			B	x		
Courtois Cr.	P	32.0	Mouth	17,35N,1W	Crawford	Washington	x	x	x	x		A	x		
Courtois Cr.	C	1.7	17,35N,1W	21,35N,1W	Washington	Iron	x	x	x	x		B	x		
Cow Br.	C	4.4	Mouth	29,65N,40W	Atchison		x	x	x			B	x		
Cow Cr.	C	2.5	Mouth	26,47N,8W	Callaway		x	x	x				x		
Cow Cr.	C	1.8	Mouth	25,51N,21W	Saline		x	x	x			B	x		
Cowmire Creek	C	7.5	Mouth	Landgrant00131	St. Louis		x	x	x			B	x		
Cowskin Cr.	P	5.0	Mouth	33,27N,16W	Douglas		x	x	x			B	x		
Cowskin Cr.	C	3.6	33,27N,16W	16,27N,16W	Douglas		x	x	x			B	x		
Cox Br.	C	2.2	Mouth	10,38N,7W	Phelps		x	x	x			B	x		
Cox Br.	C	2.0	Mouth	17,38N,7W	Phelps		x	x	x			B	x		
Crabapple Cr.	C	3.8	Mouth	4,55N,27W	Caldwell		x	x	x			B	x		
Crabtree Br.	P	1.5	Mouth	18,34N,25W	Cedar		x	x	x			B	x		
Crabtree Br.	C	1.5	18,34N,25W	19,34N,25W	Cedar		x	x	x			B	x		

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Crackerneck Creek	C	6.0	Mouth	11,49N,32W	Jackson		x	x	x			B	x		
Crane Cr.	P	8.4	Mouth	09,36N,21W	Hickory		x	x	x			B	x		
Crane Cr.	C	3.4	09,36N,21W	12,36N,21W	Hickory		x	x	x			B	x		
Crane Cr.	P	5.9	Mouth	8,25N,23W	Stone		x	x	x			A	x		
Crane Cr.	P	13.2	8,25N,23W	19,26N,24W	Stone		x	x	x		x	A	x		
Crane Pond Cr.	P	12.7	Mouth	33,32N,4E	Wayne	Iron	x	x	x			B	x		
Crane Pond Cr.	C	1.0	Mouth	33,32N,4E	Iron		x	x	x			B	x		
Craven Ditch	C	11.6	Mouth	16,24N,6E	Butler		x	x	x				x		
Crawford Cr.	C	5.0	Mouth	32,46N,29W	Cass		x	x	x			B	x		
Creve Coeur Cr.	P	2.1	Mouth	Creve Coeur Lake	St. Louis		x	x	x			B	x		
Creve Coeur Cr.	C	3.8	Creve Coeur Lk	6,45N,5E	St. Louis		x	x	x			B	x		
Crider Cr.	P	4.7	Mouth	30,42N,6W	Gasconade		x	x	x			B	x		
Crider Cr.	C	3.4	30,42N,6W	2,41N,7W	Gasconade	Osage	x	x	x			B	x		
Crooked Br.	C	1.0	Mouth	22,24N,11W	Ozark		x	x	x			B	x		
Crooked Br.	C	3.1	Mouth	31,45N,30W	Cass		x	x	x			B	x		
Crooked Cr.	C	31.4	Mouth	1,56N,12W	Monroe	Shelby	x	x	x			B	x		
Crooked Cr.	C	4.0	Mouth	15,50N,5W	Montgomery		x	x	x			B	x		
Crooked Cr.	P	19.7	Mouth	36,35N,4W	Crawford	Dent	x	x	x	x		A	x		
Crooked Cr.	C	1.0	36,35N,4W	6,34N,3W	Dent		x	x	x			B	x		
Crooked Cr.	P	1.5	Mouth	10,48N,1E	Lincoln		x	x	x			B	x		
Crooked Cr.	C	7.0	10,48N,1E	11,48N,1W	Lincoln		x	x	x			B	x		
Crooked Cr.	C	2.8	Mouth	12,59N,33W	DeKalb		x	x	x			B	x		
Crooked Cr.	C	4.0	Mouth	12,60N,34W	Andrew		x	x	x			B	x		
Crooked Cr.	C	5.3	Mouth	06,44N,23W	Johnson	Pettis	x	x	x			B	x		
Crooked Cr.	C	2.3	Mouth	30,59N,23W	Livingston		x	x	x			B	x		
Crooked Cr.	P	44.8	Mouth	17,32N,9E	Cape Girardeau	Bollinger	x	x	x			A	x		
Crooked Cr.	C	1.0	17,32N,9E	8,32N,9E	Bollinger		x	x	x			B	x		
Crooked Creek	P	3.5	Mouth	33,35N,2W	Crawford		x	x	x	x		A	x		
Crooked Creek	C	6.5	33,35N,2W	14,34N,2W	Iron		x	x	x			B	x		
Crooked Creek tributary	C	1.0	Mouth	14,34N,2W	Iron		x	x	x			B	x		
Crooked R.	P	58.1	Mouth	3,54N,29W	Ray		x	x	x			B	x		
Crooked R.	C	7.5	3,54N,29W	25,55N,30W	Ray	Clinton	x	x	x			B	x		
Crossville Br.	C	2.0	Mouth	28,33N,3W	Reynolds		x	x	x			B	x		
Crows Cr.	C	1.8	Mouth	3,39N,2W	Crawford		x	x	x			B	x		
Crows Fork Cr.	C	12.7	Mouth	35,48N,9W	Callaway		x	x	x			B	x		
Cub Cr.	P	6.6	Mouth	13,35N,1W	Washington		x	x	x			B	x		
Cub Cr.	C	1.0	13,35N,1W	18,35N,1E	Washington		x	x	x			B	x		
Cuivre R.	P1	11.6	Mouth	Sur 1795,48N,2E	St. Charles		x	x	x			B	x		
Cuivre R.	P	30.0	Sur 1795,48N,2E	14,49N,1W	St. Charles	Lincoln	x	x	x			A	x		
Current R.	P	124.0	State Line	24,31N,6W	Ripley	Shannon	x	x	x	x		A	x		
Current R.	P	18.8	24,31N,6W	Montauk Spring	Shannon	Dent	x	x	x		x	A	x		
Cypress Cr.	C	3.2	Mouth	24,23N,3E	Ripley		x	x	x			B	x		
Cypress Cr.	C	15.8	Mouth	18,62N,27W	Daviess	Harrison	x	x	x			B	x		
Cypress Ditch #1	C	9.7	State Line	1,22N,4E	Ripley		x	x	x			B	x		
Cypress Ditch Lat.	P	8.0	Mouth	20,25N,9E	Stoddard		x	x	x			B	x		
Cypress Ditch Lat.	C	6.5	20,25N,9E	29,26N,9E	Stoddard		x	x	x			B	x		
Dan R.	C	2.5	32,23N,7E	20,23N,7E	Butler		x	x	x			B	x		

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Dardenne Cr.	P1	7.0	Mouth	Sur 1704,47N,4E	St. Charles		x	x	x			B	x		
Dardenne Cr.	P	16.5	Sur 1704, 47N,4E	22,46N,2E	St. Charles		x	x	x			B	x		
Dardenne Cr.	C	8.5	22,46N,2E	22,46N,1E	St. Charles		x	x	x			B	x		
Dark Cr.	C	9.1	Mouth	34,55N,15W	Randolph		x	x	x			B	x		
Darrow Br.	C	1.0	Mouth	1,44N,9W	Osage		x	x	x			B	x		
Davis Br.	C	4.0	Mouth	2,28N,18W	Webster		x	x	x				x		
Davis Cr.	C	8.8	Mouth	30,51N,9W	Audrain		x	x	x			B	x		
Davis Cr.	C	2.9	Mouth	6,34N,22W	Polk		x	x	x			B	x		
Davis Cr.	P	1.2	Mouth	12,29N,20W	Greene		x	x	x			B	x		
Davis Cr.	C	3.0	12,29N,20W	2,29N,20W	Greene		x	x	x			B	x		
Davis Cr.	C	4.2	Mouth	13,23N,10W	Howell		x	x	x			B	x		
Davis Cr.	P	3.5	Mouth	21,62N,38W	Holt		x	x	x			B	x		
Davis Cr.	P	25.8	Mouth	8,48N,26W	Saline	Lafayette	x	x	x			B	x		
Davis Cr.	C	12.2	8,48N,26W	7,48N,27W	Lafayette		x	x	x			B	x		
Davis Cr. Ditch	C	6.7	Mouth	6,61N,38W	Holt		x	x	x			B	x		
Davisville Hollow	C	2.2	Mouth	31,36N,2W	Crawford		x	x	x			B	x		
Day Hollow	C	1.0	Mouth	36,39N,1W	Washington		x	x	x			B	x		
Dead Oak Br.	C	1.0	Mouth	2,55N,26W	Caldwell		x	x	x			B	x		
Deane Cr.	P	1.3	Mouth	17,38N,14W	Miller		x	x	x			A	x		
Deane Cr.	C	2.0	20,38N,14W	29,38N,14W	Camden		x	x	x			B	x		
Deberry Cr.	C	0.9	Mouth	26,37N,14W	Camden		x	x	x			B	x		
Decker Br.	C	2.1	Mouth	35,36N,22W	Hickory		x	x	x			B	x		
Deepwater Cr.	C	9.8	Mouth	Montrose Lk Dam	Henry		x	x	x			B	x		
Deepwater Cr.	C	5.6	35,41N,28W	5,40N,28W	Henry	Bates	x	x	x			B	x		
Deer Cr.	P	11.7	Mouth	21,39N,20W	Benton		x	x	x	x		B	x		
Deer Cr.	C	3.3	21,39N,20W	03,38N,20W	Benton		x	x	x			B	x		
Deer Cr.	C	1.3	Mouth	12,41N,26W	Henry		x	x	x			B	x		
Deer Cr.	P	5.6	Mouth	4,32N,21W	Polk		x	x	x			B	x		
Deer Cr.	P	0.8	Mouth	20,45N,8W	Osage		x	x	x			B	x		
Deer Cr.	C	4.4	20,45N,8W	34,45N,8W	Osage		x	x	x			B	x		
Deer Creek	P	1.6	Mouth	Landgrant01930	St. Louis City	St. Louis	x	x	x			A	x		
Deer Creek	C	1.6	Landgrant01930	Landgrant01930	St. Louis		x	x	x			A	x		
Deer Creek	C	9.2	Landgrant01930	Landgrant01962	St. Louis		x	x	x			B	x		
Dent Br.	C	1.0	Mouth	Sur 2374,36N,2E	Washington		x	x	x			B	x		
Des Moines River	P	29.6	Mouth	State Line	Clark		x	x	x			A	x		
Devils Den Hollow	C	1.2	Mouth	11,33N,4E	Iron		x	x	x			B	x		
Dew Pond Hollow	C	2.7	Mouth	15,30N,07W	Texas		x	x	x			B	x		
Dickerson Creek	C	1.1	Mouth	36,45N,13W	Cole		x	x	x			B	x		
Dickerson Creek tributary	C	1.0	1,44N,13W	11,44N,13W	Cole		x	x	x			B	x		
Dickerson Creek tributary	C	0.3	Mouth	36,45N,13W	Cole		x	x	x			B	x		
Dicks Cr.	C	7.3	Mouth	33,54N,33W	Platte		x	x	x			B	x		
Dicks Fk.	C	5.0	Mouth	28,32N,31W	Barton		x	x	x			B	x		
Dicky Cr.	C	1.1	Mouth	14,26N,15W	Douglas		x	x	x			B	x		
Dillard Cr.	P	1.5	Mouth	22,31N,11E	Cape Girardeau		x	x	x			B	x		
Dillard Cr.	C	1.0	22,31N,11E	16,31N,11E	Cape Girardeau		x	x	x			B	x		

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Dillon Cr.	C	4.8	Mouth	33,59N,35W	Andrew		x	x	x			B	x		
Dirt House Hollow	C	1.9	Mouth	28,29N,07W	Texas		x	x	x			B	x		
Ditch #1	C	9.0	Mouth	20,23N,9E	Dunklin		x	x	x			B	x		
Ditch #1	P	7.6	13,27N,8E	19,28N,9E	Stoddard	Bollinger	x	x	x			B	x		
Ditch #1	C	2.0	19,28N,9E	16,28N,9E	Bollinger		x	x	x			B	x		
Ditch #1	P	2.8	30,16N,10E	17,16N,10E	Dunklin		x	x	x			B	x		
Ditch #1	P	17.6	3,24N,13E	15,27N,13E	New Madrid	Scott	x	x	x			B	x		
Ditch #1	C	3.3	16,27N,13E	4,27N,13E	Scott		x	x	x			B	x		
Ditch #1	P	86.0	State Line	27,29N,12E	Dunklin	Scott	x	x	x			B	x		
Ditch #1	C	4.3	27,29N,12E	12,29N,12E	Scott		x	x	x			B	x		
Ditch #1	P	7.3	Mouth	16,21N,9E	Dunklin		x	x	x			B	x		
Ditch #1	C	3.3	16,21N,9E	6,21N,9E	Dunklin		x	x	x			B	x		
Ditch #10	P	3.5	32,27N,8E	17,27N,8E	Stoddard	Wayne	x	x	x			B	x		
Ditch #10	C	2.5	17,27N,8E	4,27N,8E	Wayne		x	x	x			B	x		
Ditch #10	C	2.7	20,23N,15E	5,23N,15E	New Madrid		x	x	x			B	x		
Ditch #101	C	3.5	34,28N,9E	19,28N,10E	Bollinger		x	x	x			B	x		
Ditch #104	C	12.5	Mouth	13,25N,13E	New Madrid		x	x	x			B	x		
Ditch #11	P	6.0	32,27N,8E	13,27N,8E	Stoddard		x	x	x			B	x		
Ditch #11	C	3.0	7,24N,8E	1,25N,7E	Butler		x	x	x			B	x		
Ditch #110	C	3.1	5,28N,11E	20,29N,11E	Stoddard	Cape Girardeau	x	x	x			B	x		
Ditch #16	C	11.2	33,24N,8E	7,25N,8E	Butler		x	x	x				x		
Ditch #17	C	7.5	Mouth	31,28N,11E	Stoddard		x	x	x			B	x		
Ditch #2	P	3.2	State Line	30,22N,4E	Ripley		x	x	x			B	x		
Ditch #2	C	6.0	30,22N,4E	2,22N,4E	Ripley		x	x	x			B	x		
Ditch #2	P	4.9	Mouth	35,28N,8E	Stoddard	Wayne	x	x	x			B	x		
Ditch #2	C	4.9	23,17N,12E	36,18N,12E	Pemiscot		x	x	x			B	x		
Ditch #2	P	17.0	11,20N,10E	24,23N,10E	New Madrid		x	x	x			B	x		
Ditch #22	C	7.0	Mouth	2,23N,8E	Butler		x	x	x			B	x		
Ditch #23	C	5.8	Mouth	34,24N,8E	Butler		x	x	x			B	x		
Ditch #24	P	12.0	23,26N,12E	6,27N,12E	Stoddard		x	x	x			B	x		
Ditch #24	C	3.9	6,27N,12E	22,28N,11E	Stoddard		x	x	x			B	x		
Ditch #25	P	1.0	15,28N,11E	9,28N,11E	Stoddard		x	x	x			B	x		
Ditch #25	C	2.5	9,28N,11E	5,28N,11E	Stoddard		x	x	x			B	x		
Ditch #251	P	44.0	State Line	26,22N,12E	Dunklin	New Madrid	x	x	x			B	x		
Ditch #258	P	10.0	27,19N,10E	9,20N,11E	Dunklin	Pemiscot	x	x	x			B	x		
Ditch #258	C	5.0	9,20N,11E	25,21N,11E	New Madrid		x	x	x			B	x		
Ditch #259	P	26.3	State Line	31,20N,11E	Dunklin	Pemiscot	x	x	x			B	x		
Ditch #26	P	3.0	Mouth	33,29N,11E	Stoddard	Cape Girardeau	x	x	x			B	x		
Ditch #26	C	1.3	33,29N,11E	28,29N,11E	Cape Girardeau		x	x	x			B	x		
Ditch #27	P	4.5	15,28N,11E	22,29N,11E	Stoddard	Cape Girardeau	x	x	x			B	x		
Ditch #287	P	4.8	6,27N,11E	15,28N,11E	Stoddard		x	x	x			B	x		
Ditch #290	P	9.2	19,20N,11E	12,21N,11E	Dunklin	New Madrid	x	x	x			B	x		
Ditch #290	C	5.3	12,21N,11E	21,22N,12E	New Madrid		x	x	x			B	x		
Ditch #293	P	2.9	19,20N,11E	12,20N,10E	Pemiscot		x	x	x			B	x		
Ditch #3	P	2.0	4,18N,9E	28,19N,9E	Dunklin		x	x	x			B	x		

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Ditch #3	C	0.5	28,19N,9E	27,19N,9E	Dunklin		x	x	x			B	x		
Ditch #3	C	2.4	Mouth	11,27N,8E	Stoddard		x	x	x			B	x		
Ditch #3	P	8.1	6,16N,12E	4,17N,12E	Pemiscot		x	x	x			B	x		
Ditch #3	P	18.3	12,20N,10E	6,23N,11E	New Madrid	Stoddard	x	x	x			B	x		
Ditch #30	P	4.5	Mouth	1,27N,11E	Stoddard		x	x	x			B	x		
Ditch #33	P	11.8	Mouth	14,28N,11E	Stoddard		x	x	x			B	x		
Ditch #33	C	2.0	14,28N,11E	2,28N,11E	Stoddard		x	x	x			B	x		
Ditch #34	C	4.5	Mouth	25,29N,11E	Stoddard	Cape Girardeau	x	x	x			B	x		
Ditch #34	C	9.0	Mouth	24,28N,12E	Stoddard		x	x	x			B	x		
Ditch #35	C	9.2	Mouth	3,27N,12E	Stoddard		x	x	x			B	x		
Ditch #36	P	7.8	Mouth	21,19N,10E	Dunklin		x	x	x			B	x		
Ditch #4	C	1.5	22,27N,8E	11,27N,8E	Stoddard		x	x	x			B	x		
Ditch #4	C	3.5	4,17N,12E	20,18N,12E	Pemiscot		x	x	x			B	x		
Ditch #4	P	8.9	34,26N,13E	22,27N,13E	New Madrid	Scott	x	x	x			B	x		
Ditch #4	C	4.0	22,27N,13E	33,28N,13E	Scott		x	x	x			B	x		
Ditch #4	C	14.0	Mouth	6,22N,11E	Pemiscot	New Madrid	x	x	x			B	x		
Ditch #41	C	5.0	Mouth	28,23N,12E	New Madrid		x	x	x			B	x		
Ditch #42	C	18.2	Mouth	29,25N,12E	New Madrid	Stoddard	x	x	x			B	x		
Ditch #5	C	1.0	28,27N,8E	21,27N,8E	Stoddard		x	x	x			B	x		
Ditch #5	P	2.0	12,16N,11E	6,16N,12E	Pemiscot		x	x	x			B	x		
Ditch #6	P	1.0	29,27N,8E	21,27N,8E	Stoddard		x	x	x			B	x		
Ditch #6	P	16.0	Mouth	15,18N,12E	Pemiscot		x	x	x			B	x		
Ditch #6	C	4.5	15,18N,12E	2,18N,12E	Pemiscot		x	x	x			B	x		
Ditch #6	P	7.8	Mouth	16,22N,11E	New Madrid		x	x	x			B	x		
Ditch #6	C	23.3	16,22N,11E	26,26N,11E	New Madrid	Stoddard	x	x	x				x		
Ditch #66	C	2.0	Mouth	33,20N,11E	Pemiscot		x	x	x			B	x		
Ditch #66	P	25.0	State Line	1,19N,10E	Pemiscot		x	x	x			B	x		
Ditch #7	P	3.0	Mouth	22,16N,11E	Pemiscot		x	x	x			B	x		
Ditch #7	C	6.7	Mouth	15,22N,11E	New Madrid		x	x	x			B	x		
Ditch #79	P	11.0	4,16N,9E	28,18N,10E	Dunklin		x	x	x			B	x		
Ditch #80	P	0.5	4,16N,9E	4,16N,9E	Dunklin		x	x	x			B	x		
Ditch #81	P	24.0	State Line	11,19N,10E	Dunklin	Pemiscot	x	x	x			B	x		
Ditch #84	P	6.0	11,19N,10E	11,20N,10E	Pemiscot		x	x	x			B	x		
Ditch #9	P	5.6	17,20N,11E	22,21N,11E	Pemiscot	New Madrid	x	x	x			B	x		
Ditch #9	C	3.0	22,21N,11E	12,21N,11E	New Madrid		x	x	x			B	x		
Ditch 101	P	1.7	Mouth	34,28N,9E	Stoddard	Bollinger	x	x	x			B	x		
Ditch Cr.	P	1.8	Mouth	12,40N,02E	Jefferson		x	x	x			A	x		
Ditch Number 8	C	28.5	12,21N,11E	24,26N,11E	New Madrid	Stoddard	x	x	x			B	x		
Ditch Number 8 tributary	C	3.8	Mouth	13,25N,11E	Stoddard		x	x	x			B	x		
Ditch to Black R.	P	9.5	Mouth	3,23N,7E	Butler		x	x	x			B	x		
Ditch to Black R.	C	10.7	3,23N,7E	9,25N,7E	Butler		x	x	x			B	x		
Ditch to Ditch #1	C	1.2	Mouth	28,23N,9E	Dunklin		x	x	x			B	x		
Ditch to Ditch #1	C	4.9	Mouth	34,30N,12E	Scott	Cape Girardeau	x	x	x			B	x		
Ditch to Ditch #1	P	7.0	Mouth	33,30N,12E	Scott	Cape Girardeau	x	x	x			B	x		
Ditch to Ditch #1	P	3.7	Mouth	16,29N,12E	Scott	Cape Girardeau	x	x	x			B	x		

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Ditch to Ditch #101	C	1.6	Mouth	13,28N,9E	Bollinger		x	x	x			B	x		
Ditch to Ditch #2	P	1.5	Mouth	24,22N,3E	Ripley		x	x	x			B	x		
Ditch to Ditch #3	P	2.0	Mouth	30,17N,12E	Pemiscot		x	x	x			B	x		
Ditch to Ditch #5	C	2.0	Mouth	24,16N,11E	Pemiscot		x	x	x			B	x		
Ditch to Ditch #6	C	2.0	Mouth	29,18N,12E	Pemiscot		x	x	x			B	x		
Ditler Cr.	C	1.3	Mouth	10,41N,23W	Benton		x	x	x			B	x		
Ditter Cr.	C	1.2	Mouth	03,41N,23W	Benton		x	x	x			B	x		
Doe Cr.	C	6.1	Mouth	4,50N,15W	Howard		x	x	x			B	x		
Doe Run Cr.	P	6.1	Mouth	27,35N,5E	St. Francois		x	x	x			B	x		
Doe Run Cr.	C	3.5	27,35N,5E	20,35N,5E	St. Francois		x	x	x			B	x		
Dog Cr.	P	2.9	Mouth	12,40N,14W	Miller		x	x	x			B	x		
Dog Cr.	C	7.0	12,40N,14W	4,39N,14W	Miller		x	x	x			B	x		
Dog Cr.	C	5.7	Mouth	9,58N,28W	Daviess		x	x	x			B	x		
Dog Hollow	C	2.0	Mouth	30,33N,14E	Cape Girardeau		x	x	x			B	x		
Doolan Chute	P	9.6	Mouth	30,29N,15E	Scott		x	x	x			B	x		
Dooling Cr.	P	1.5	Mouth	11,45N,8W	Osage		x	x	x			B	x		
Dooling Cr.	C	1.0	11,45N,8W	11,45N,8W	Osage		x	x	x			B	x		
Doolittle Cr.	C	2.3	Mouth	03,29N,12W	Texas		x	x	x				x		
Doss Br.	P	2.2	Mouth	17,38N,2W	Crawford		x	x	x			B	x		
Doss Br.	C	2.0	17,38N,2W	15,38N,2W	Crawford		x	x	x			B	x		
Double Br.	C	5.8	Mouth	19,39N,30W	Bates		x	x	x			B	x		
Douger Br.	C	2.8	Mouth	11,26N,26W	Lawrence		x	x	x			B	x		
Douglas Br.	C	4.3	Mouth	13,36N,32W	Vernon		x	x	x			B	x		
Dousinbury Cr.	P	3.9	Mouth	17,33N,18W	Dallas		x	x	x			B	x		
Dousinbury Cr.	C	2.0	17,33N,18W	15,33N,18W	Dallas		x	x	x			B	x		
Dove Cr.	C	2.0	Mouth	12,29N,13W	Wright		x	x	x			B	x		
Doxies Cr.	C	12.4	Mouth	5,51N,16W	Chariton	Howard	x	x	x			B	x		
Drunken Cr.	P	1.0	Mouth	Sur1200,30N,10E	Bollinger		x	x	x			B	x		
Drunken Cr.	C	1.5	Sur 1200,30N,10E	34,31N,10E	Bollinger		x	x	x			B	x		
Dry Auglaize Cr.	P	5.2	24,38N,15W	22,38N,15W	Camden		x	x	x			A	x		
Dry Auglaize Cr.	C	34.5	22,38N,15W	8,35N,15W	Camden	Laclede	x	x	x			A	x		
Dry Auglaize Cr.	P	7.6	8,35N,15W	2,34N,16W	Laclede		x	x	x			B	x		
Dry Bone Cr.	C	1.8	Mouth	20,30N,7W	Texas		x	x	x			B	x		
Dry Br.	P	3.6	Mouth	6,28N,23W	Greene		x	x	x			B	x		
Dry Br.	C	1.7	6,28N,23W	7,28N,23W	Greene		x	x	x			B	x		
Dry Br.	C	2.6	Mouth	Sur 1710,51N,1W	Lincoln		x	x	x			B	x		
Dry Br.	C	5.1	Mouth	3,49N,2W	Lincoln		x	x	x			B	x		
Dry Br.	C	5.3	Mouth	4,39N,1E	Washington		x	x	x			B	x		
Dry Branch	C	0.5	Mouth	8,49N,1E	Lincoln		x	x	x			B	x		
Dry Cr.	P	1.3	Mouth	27,39N,9W	Maries		x	x	x			B	x		
Dry Cr.	C	1.5	27,39N,9W	29,39N,9W	Maries		x	x	x			B	x		
Dry Cr.	P	5.0	Mouth	14,37N,3W	Crawford		x	x	x		x	A	x		
Dry Cr.	C	8.3	14,37N,3W	16,36N,3W	Crawford		x	x	x			B	x		
Dry Cr.	C	3.5	Mouth	24,36N,3E	Washington		x	x	x				x		
Dry Cr.	C	1.0	Mouth	27,36N,4E	St. Francois		x	x	x			B	x		
Dry Cr.	C	5.0	Mouth	12,24N,25W	Stone	Barry	x	x	x			B	x		
Dry Cr.	C	15.0	Mouth	8,25N,9W	Douglas	Howell	x	x	x			B	x		

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Dry Cr.	C	1.5	Mouth	1,24N,13W	Ozark		x	x	x			B	x		
Dry Cr.	P	1.0	Mouth	9,28N,3E	Wayne		x	x	x			B	x		
Dry Cr.	C	2.7	9,28N,3E	32,29N,3E	Wayne		x	x	x			B	x		
Dry Cr.	C	4.5	Mouth	27,32N,6E	Madison		x	x	x			B	x		
Dry Cr.	P	9.3	Mouth	25,40N,03E	Jefferson		x	x	x			B	x		
Dry Cr.	C	2.8	Mouth	11,48N,21W	Saline		x	x	x			B	x		
Dry Cr.	P	8.8	Mouth	32,30N,10E	Bollinger		x	x	x			B	x		
Dry Cr.	C	4.5	32,30N,10E	24,30N,9E	Bollinger		x	x	x			B	x		
Dry Creek	C	2.2	Mouth	1,40N,4E	Jefferson		x	x	x			B	x		
Dry Creek	C	5.5	Mouth	34,52N,31W	Clay		x	x	x			B	x		
Dry Creek tributary	C	1.5	Mouth	13,36N,3E	Washington		x	x	x			B	x		
Dry Fk.	P	7.7	Mouth	8,34N,23W	Polk		x	x	x			B	x		
Dry Fk.	C	1.0	8,34N,23W	8,34N,23W	Polk		x	x	x			B	x		
Dry Fk.	P	4.0	Mouth	35,47N,6W	Montgomery		x	x	x			B	x		
Dry Fk.	C	3.3	35,47N,6W	10,46N,6W	Montgomery		x	x	x			B	x		
Dry Fk.	C	2.3	Mouth	22,35N,9E	Perry		x	x	x			B	x		
Dry Fk.	P	23.3	Mouth	22,37N,7W	Phelps		x	x	x			B	x		
Dry Fk.	C	27.0	22,37N,7W	20,35N,6W	Phelps	Dent	x	x	x			B	x		
Dry Fk.	C	3.4	Mouth	29,29N,27W	Lawrence		x	x	x			B	x		
Dry Fk.	C	10.2	Mouth	8,29N,30W	Jasper		x	x	x			A	x		
Dry Fk.	C	2.4	Mouth	11,46N,11W	Callaway		x	x	x			B	x		
Dry Fk.	C	2.0	Mouth	20,50N,17W	Howard		x	x	x			B	x		
Dry Fk.	C	3.6	Mouth	28,45N,16W	Moniteau		x	x	x			B	x		
Dry Fk. Cr.	P	4.0	20,35N,6W	29,35N,6W	Dent		x	x	x			B	x		
Dry Fk. Cr.	C	11.1	29,35N,6W	25,34N,7W	Dent		x	x	x			B	x		
Dry Fk. Cr.	C	13.3	35,41N,6W	6,40N,7W	Gasconade	Maries	x	x	x			B	x		
Dry Fork	C	9.0	Mouth	5,34N,12E	Perry		x	x	x			B	x		
Dry Fork	P	12.7	Mouth	35,41N,6W	Gasconade		x	x	x			B	x		
Dry Fork	C	12.1	Mouth	5,46N,2W	Warren		x	x	x			B	x		
Dry Fork tributary	C	1.6	Mouth	27,41N,5W	Gasconade		x	x	x			B	x		
Dry Hollow	C	5.1	Mouth	31,22N,27W	Barry		x	x	x			B	x		
Dry Hollow	C	2.5	Mouth	34,24N,16W	Ozark		x	x	x			B	x		
Dry Hollow	C	0.5	Mouth	22,28N,28W	Lawrence		x	x	x			B	x		
Dry Valley Br.	P	1.6	Mouth	26,27N,29W	Newton		x	x	x			B	x		
Dry Valley Br.	C	1.3	26,27N,29W	25,27N,29W	Newton	Lawrence	x	x	x			x			
Dry Valley Cr.	C	2.3	Mouth	1,34N,5W	Dent		x	x	x			B	x		
Dry Wood Cr.	P	29.9	Mouth	4,32N,33W	Vernon	Barton	x	x	x			B	x		
Dubois Cr.	P	3.0	Mouth	Sur 404,44N,1E	Franklin		x	x	x			B	x		
Dubois Cr.	C	4.8	Sur 404,44N,1E	11,43N,1W	Franklin		x	x	x			B	x		
Duck Cr.	C	3.4	Mouth	32,43N,23W	Henry	Benton	x	x	x			B	x		
Duck Cr.	C	5.3	Mouth	21,27N,9E	Stoddard		x	x	x			B	x		
Duck Cr.	C	6.9	Mouth	16,58N,14W	Macon		x	x	x			B	x		
Dudley Main Ditch	P	6.4	Mouth	34,25N,9E	Stoddard		x	x	x			B	x		
Dudley Main Ditch	C	0.8	34,25N,9E	27,25N,9E	Stoddard		x	x	x			x			
Dulin Cr.	P	1.4	Mouth	09,42N,04E	Jefferson		x	x	x			B	x		
Duncan Cr.	C	2.6	Mouth	8,37N,33W	Vernon		x	x	x			B	x		
Duncan Cr.	C	3.2	Mouth	22,38N,10W	Phelps		x	x	x			B	x		

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Dunlap Cr.	C	0.5	Mouth	13,47N,9W	Callaway		x	x	x			B	x		
Dunn Spring Cr.	C	2.3	Mouth	34,44N,1E	Franklin		x	x	x			B	x		
Duran Cr.	C	8.1	Mouth	02,41N,22W	Benton		x	x	x			B	x		
Durington Cr.	C	4.6	Mouth	06,34N,19W	Dallas		x	x	x			B	x		
Duskin Cr.	C	2.0	Mouth	13,32N,13E	Cape Girardeau		x	x	x			B	x		
Dutch Cr.	P	1.6	Mouth	27,42N,03E	Jefferson		x	x	x			B	x		
Dutchtown Ditch	P	10.0	Mouth	25,30N,12E	Cape Girardeau		x	x	x			B	x		
Dutro Carter Cr.	P	1.5	Mouth	18,37N,7W	Phelps		x	x	x			B	x		
Dutro Carter Cr.	C	0.5	18,37N,7W	18,37N,7W	Phelps		x	x	x			B	x		
Duval Cr.	C	7.0	Mouth	13,30N,32W	Jasper		x	x	x			B	x		
Dyer Rock Cr.	C	5.1	Mouth	03,49N,24W	Lafayette		x	x	x			B	x		
E. Bear Cr.	C	1.2	Mouth	33,46N,25W	Johnson		x	x	x			B	x		
E. Br. Crawford Cr.	C	4.0	32,46N,29W	20,46N,29W	Cass		x	x	x			B	x		
E. Br. Elkhorn Cr.	C	4.7	Mouth	19,63N,36W	Nodaway		x	x	x			B	x		
E. Br. Squaw Cr.	C	4.2	Mouth	5,62N,38W	Holt		x	x	x			B	x		
E. Brush Cr.	C	9.0	Mouth	16,45N,15W	Moniteau		x	x	x			B	x		
E. Chan. Whitewater R.	C	4.8	Mouth	16,28N,12E	Scott		x	x	x			B	x		
E. Cow Cr.	C	2.2	Mouth	19,51N,20W	Saline		x	x	x			B	x		
E. Ditch #1	P	22.0	Mouth	11,22N,10E	Dunklin	New Madrid	x	x	x			B	x		
E. Ditch #1	C	3.0	11,22N,10E	27,23N,10E	New Madrid		x	x	x			B	x		
E. Fk. Bee Br.	C	0.9	Mouth	16,37N,30W	Vernon		x	x	x			B	x		
E. Fk. Big Cr.	P	18.4	9,63N,28W	5,64N,27W	Harrison		x	x	x			B	x	x	
E. Fk. Big Cr.	C	21.1	5,64N,27W	State Line	Harrison		x	x	x			B	x	x	
E. Fk. Big Cr.	C	3.2	21,31N,7E	9,31N,7E	Madison		x	x	x			B	x		
E. Fk. Big Cr.	P	1.4	29,31N,7E	21,31N,7E	Madison		x	x	x			A	x		
E. Fk. Big Muddy Cr.	C	2.0	3,65N,29W	35,66N,29W	Harrison		x	x	x			B	x		
E. Fk. Black R.	P	17.1	Mouth	29,34N,3E	Reynolds	Iron	x	x	x			A	x	x	
E. Fk. Black R.	C	0.7	29,34N,3E	21,34N,3E	Iron		x	x	x			B	x		
E. Fk. Bull Cr.	C	2.4	Mouth	23,26N,20W	Christian		x	x	x			B	x		
E. Fk. Chariton R.	C	17.8	Mouth	11,60N,15W	Macon		x	x	x			B	x	x	
E. Fk. Crooked R.	P	19.9	Mouth	29,54N,27W	Ray		x	x	x			B	x		
E. Fk. Crooked R.	C	6.4	29,54N,27W	5,54N,27W	Ray		x	x	x			B	x		
E. Fk. Drywood Cr.	C	13.5	Mouth	8,32N,32W	Barton		x	x	x			B	x		
E. Fk. Fishing R.	C	12.9	Mouth	20,53N,29W	Clay	Ray	x	x	x			B	x		
E. Fk. Fourche Cr.	P	3.0	Mouth	3,22N,1E	Ripley		x	x	x			B	x		
E. Fk. Fourche Cr.	C	2.4	3,22N,1E	35,23N,1E	Ripley		x	x	x			B	x		
E. Fk. Grand R.	P	28.7	Mouth	29,66N,30W	Gentry	Worth	x	x	x			A	x	x	
E. Fk. Grand R.	C	6.5	29,66N,30W	10,66N,30W	Worth		x	x	x			B	x		
E. Fk. Huzzah Cr.	P	5.5	1,34N,3W	20,34N,2W	Dent		x	x	x			B	x		
E. Fk. Huzzah Cr.	C	2.0	20,34N,2W	29,34N,2W	Dent		x	x	x			B	x		
E. Fk. L. Blue R.	P	1.0	Mouth	27,49N,31W	Jackson		x	x	x			B	x		
E. Fk. L. Blue R.	C	3.7	27,49N,31W	Blue Springs Lake	Jackson		x	x	x			B	x		
E. Fk. L. Gravois Cr.	C	3.3	Mouth	3,40N,15W	Miller		x	x	x			B	x		
E. Fk. L. Tarkio Cr.	C	17.8	Mouth	21,65N,38W	Holt	Atchison	x	x	x			B	x		
E. Fk. Little Chariton R.	P	74.0	Mouth	7,57N,14W	Chariton	Macon	x	x	x			B	x	x	
E. Fk. Locust Cr.	P	16.7	Mouth	2,62N,20W	Sullivan		x	x	x			B	x		
E. Fk. Locust Cr.	C	15.7	2,62N,20W	12,64N,20W	Sullivan		x	x	x			A	x		

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E. Fk. Lost Cr.	P	8.0	Mouth	17,28N,7E	Wayne		x	x	x			B	x		
E. Fk. Lost Cr.	C	10.0	Mouth	11,60N,31W	DeKalb		x	x	x			B	x		
E. Fk. Niangua R.	C	6.3	33,32N,18W	25,31N,18W	Webster		x	x	x			A	x		
E. Fk. Postoak Cr.	C	12.2	Mouth	9,44N,26W	Johnson		x	x	x			B	x		
E. Fk. Rock Cr.	C	4.0	Mouth	31,23N,25W	Barry		x	x	x			B	x		
E. Fk. Roubidoux Cr.	C	4.9	Mouth	24,31N,11W	Texas		x	x	x			B	x		
E. Fk. Salt Pond Cr.	C	1.6	Mouth	19,49N,22W	Saline		x	x	x			B	x		
E. Fk. Shoal Cr.	C	2.9	Mouth	4,51N,32W	Clay		x	x	x			B	x		
E. Fk. Sni-a-bar Cr.	C	8.9	32,49N,28W	29,48N,28W	Lafayette		x	x	x			B	x		
E. Fk. Sni-a-bar Cr.	P	9.6	Mouth	32,49N,28W	Lafayette		x	x	x			B	x		
E. Fk. Sulphur Cr.	C	2.5	Mouth	30,50N,17W	Howard		x	x	x			B	x		
E. Fk. Tebo Cr.	C	14.5	31,43N,24W	35,44N,24W	Henry		x	x	x			B	x		
E. Fk. Walnut Cr.	C	1.8	Mouth	28,55N,14W	Randolph		x	x	x			B	x		
E. Honey Cr.	C	13.6	29,63N,23W	2,64N,23W	Grundy	Mercer	x	x	x				x		
E. Prong Crooked Cr.	C	3.8	Mouth	17,35N,3W	Dent	Crawford	x	x	x			B	x		
E. Yellow Cr.	P	35.0	20,56N,19W	7,60N,18W	Chariton	Linn	x	x	x			B	x		
Earle Br.	C	0.7	Mouth	Hwy. F	Phelps		x	x	x			B	x		
East Branch	C	3.5	Mouth	24,47N,31W	Cass	Jackson	x	x	x			B	x		
East Branch South Grand River	C	28.7	Mouth	26,46N,32W	Cass		x	x	x			B	x		
East Branch South Grand River	C	0.3	26,46N,32W	23,46N,32W	Cass		x	x	x			B	x		
East Branch South Grand River tributary	C	3.3	Mouth	10,44N,31W	Cass		x	x	x			B	x		
East Branch South Grand River tributary	C	6.8	Mouth	9,44N,31W	Cass		x	x	x			B	x		
East Cr.	C	9.4	2,44N,33W	31,46N,32W	Cass		x	x	x			B	x		
East Fork Big Creek tributary	C	4.0	Mouth	4,64N,27W	Harrison		x	x	x			B	x		
East Fork East Branch South Grand River	C	11.5	Mouth	6,45N,31W	Cass		x	x	x			B	x		
East Fork East Branch South Grand River tributary	C	2.7	Mouth	17,45N,31W	Cass		x	x	x			B	x		
East Prong	C	1.0	Mouth	12,31N,7E	Madison		x	x	x			B	x		
East Prong Indian Cr.	C	2.5	6,25N,7E	30,26N,7E	Butler		x	x	x			B	x		
East Whetstone Creek	C	5.5	21,29N,13W	6,28N,12W	Wright		x	x	x			B	x		
East Whetstone Creek	C	3.1	6,28N,12W	9,28N,12W	Wright		x	x	x			B	x		
East Yellow Creek tributary	C	4.9	Mouth	T57NR18WS29	Linn		x	x	x				x		
Eaton Br.	C	1.2	Mouth	4,36N,4E	St. Francois		x	x	x				x		
Ebo Cr.	P	1.6	Mouth	13,38N,1E	Washington		x	x	x			B	x		
Ebo Cr.	C	1.1	13,38N,1E	14,38N,1E	Washington		x	x	x			B	x		
Eddington Br.	P	2.0	Mouth	1,29N,26W	Lawrence		x	x	x			B	x		
Eddington Br.	P	1.4	Mouth	5,29N,25W	Lawrence		x	x	x			B	x		
Edmondson Cr.	C	1.9	Mouth	4,52N,20W	Saline		x	x	x			B	x		
Eight Mile Cr.	C	16.8	Mouth	36,44N,31W	Cass		x	x	x			B	x		
Elbow Cr.	P	2.6	Mouth	27,22N,18W	Taney		x	x	x			B	x		
Eleven Point R.	P	22.7	State Line	18,24N,2W	Oregon		x	x	x	x		A	x		
Eleven Point R.	P	11.4	18,24N,2W	36,25N,4W	Oregon		x	x	x		x	A	x		

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Eleven Point R.	P	22.3	36,25N,4W	23,25N,6W	Oregon		x	x	x	x		A	x		
Eleven Point R.	C	36.3	23,25N,6W	32,27N,9W	Oregon	Howell	x	x	x	x		B	x		
Elk Br.	C	2.8	Mouth	08,45N,22W	Pettis		x	x	x			B	x		
Elk Chute Ditch	P	13.1	Mouth	27,18N,10E	Dunklin		x	x	x			B	x		
Elk Cr.	P	5.0	Mouth	33,32N,14W	Wright		x	x	x			B	x		
Elk Cr.	C	1.5	33,32N,14W	5,31N,14W	Wright		x	x	x			B	x		
Elk Cr.	P	2.4	Mouth	24,29N,10W	Texas		x	x	x			B	x		
Elk Cr.	C	2.3	24,29N,10W	30,29N,9W	Texas		x	x	x			B	x		
Elk Cr.	C	1.5	Mouth	29,47N,23W	Pettis		x	x	x			B	x		
Elk Cr.	C	5.7	14,61N,19W	6,55N,20W	Chariton		x	x	x			B	x		
Elk Cr.	C	11.5	Silver Lake	25,57N,20W	Chariton	Linn	x	x	x			B	x		
Elk Fk.	C	10.5	Mouth	35,42N,30W	Bates		x	x	x			B	x		
Elk Fk.	P	7.0	Mouth	04,44N,23W	Pettis		x	x	x			B	x		
Elk Fk. Salt R.	P	7.7	Mouth	26,54N,10W	Monroe		x	x	x			B	x		
Elk Fk. Salt R.	C	38.6	26,54N,10W	16,54N,13W	Monroe	Randolph	x	x	x			B	x		
Elk R.	P	23.2	State Line	34,22N,32W	McDonald		x	x	x	x		A	x		
Elkhorn Br.	C	1.5	Mouth	6,21N,8W	Howell		x	x	x			B	x		
Elkhorn Cr.	C	21.4	Mouth	3,48N,5W	Montgomery		x	x	x			B	x		
Elkhorn Cr.	C	2.3	Mouth	3,26N,19W	Christian		x	x	x			B	x		
Elkhorn Cr.	C	11.8	Mouth	13,63N,37W	Nodaway		x	x	x			B	x		
Elkhorn Cr.	P	5.8	Mouth	26,23N,31W	McDonald		x	x	x			B	x		
Elm Br.	C	3.0	Mouth	7,43N,23W	Henry		x	x	x			B	x		
Elm Br.	C	3.0	Mouth	27,53N,8W	Monroe		x	x	x			B	x		
Elm Br.	C	4.5	Mouth	3,65N,21W	Putnam		x	x	x			B	x		
Elm Cr.	C	9.6	Mouth	20,66N,15W	Schuyler		x	x	x			B	x		
Elm Grove Br.	C	4.2	Mouth	27,61N,33W	DeKalb	Gentry	x	x	x			B	x		
Elm Spring Branch	C	6.0	Mouth	20,24N,31W	Newton		x	x	x				x		
Elm Spring Branch tributary	C	2.0	Mouth	14,24N,32W	Newton		x	x	x			B	x		
Ely Cr.	C	4.3	Mouth	1,55N,7W	Ralls		x	x	x			B	x		
Emery Hollow	C	3.9	Mouth	28,31N,10W	Texas		x	x	x				x		
Emory Cr.	C	2.0	Mouth	31,24N,21W	Taney		x	x	x				x		
English Cr.	C	2.8	State Line	33,22N,6W	Oregon		x	x	x			B	x		
Establishment Creek	P	16.3	Mouth	Landgrant02060	Ste. Genevieve		x	x	x			B	x		
Establishment Creek	C	7.1	Landgrant02060	35,37N,7E	Ste. Genevieve		x	x	x			B	x		
Fabius R.	P1	3.5	Mouth	24,59N,6W	Marion		x	x	x			B	x		
Factory Cr.	P	1.7	Mouth	2,46N,14W	Moniteau		x	x	x			B	x		
Factory Cr.	C	4.2	2,46N,14W	32,47N,14W	Moniteau		x	x	x			B	x		
Fall Cr.	P	1.0	Mouth	11,22N,22W	Taney		x	x	x			B	x		
Fall Cr.	C	3.9	11,22N,22W	28,23N,22W	Taney	Stone	x	x	x			B	x		
Fassnight Cr.	P	2.8	Mouth	25,29N,22W	Greene		x	x	x			B	x		
Fassnight Cr.	C	1.2	25,29N,22W	30,29N,21W	Greene		x	x	x				x		
Feaster Cr.	C	0.6	Mouth	31,41N,21W	Benton		x	x	x			B	x		
Fee Fee Cr. (new)	P	1.5	Mouth	Sur 992,46N,5E	St. Louis		x	x	x			B	x		
Fee Fee Cr. (old)	P	1.0	Mouth	1 Mi. above Hwy. 70	St. Louis		x	x	x			B	x		
Femme Osage Cr.	P	8.2	Mouth	29,45N,2E	St. Charles		x	x	x			B	x		

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Femme Osage Cr.	C	2.0	29,45N,2E	24,45N,1E	St. Charles		x	x	x			B	x		
Fenton Cr.	C	0.6	Mouth	23,43N,1W	Franklin		x	x	x			B	x		
Fenton Cr.	P	0.5	Mouth	35,43N,05E	St. Louis		x	x	x			B	x		
Fiddle Cr.	C	3.8	Mouth	16,44N,2E	Franklin		x	x	x			B	x		
Fidelity Br.	P	2.6	Mouth	9,27N,31W	Jasper		x	x	x			B	x		
Fields Creek	C	18.2	Mouth	14,43N,26W	Henry		x	x	x			B	x		
Fields Creek tributary	C	1.6	Mouth	23,43N,26W	Henry		x	x	x			B	x		
Fiery Fk.	C	2.0	Mouth	26,39N,19W	Camden		x	x	x			B	x		
Finley Cr.	P	51.6	Mouth	19,28N,16W	Stone	Webster	x	x	x	x		A	x		
Finn Br.	C	3.5	4,35N,8W	1,35N,8W	Phelps	Dent	x	x	x			B	x		
Finney Cr.	P	1.2	Mouth	28,49N,21W	Saline		x	x	x			B	x		
Finney Cr.	C	2.4	28,49N,21W	20,49N,21W	Saline		x	x	x			B	x		
Fire Br.	C	5.4	Mouth	27,54N,28W	Ray		x	x	x			B	x		
Fire Prairie Cr.	P	13.0	Mouth	18,50N,30W	Jackson		x	x	x			B	x		
First Cr.	P	1.6	Mouth	14,45N,6W	Gasconade		x	x	x			B	x		
First Cr.	C	10.7	14,45N,6W	5,44N,5W	Gasconade		x	x	x			B	x		
First Cr.	C	4.7	Mouth	9,52N,33W	Clay	Platte	x	x	x			B	x		
Fish Br.	C	1.9	Mouth	28,52N,9W	Audrain		x	x	x			B	x		
Fish Cr.	C	12.4	Mouth	21,51N,19W	Saline		x	x	x			B	x		
Fish Lake Ditch	C	6.5	3,24N,16E	28,25N,17E	Mississippi		x	x	x			B	x		
Fish Lake Ditch	C	3.3	14,26N,16E	36,27N,16E	Mississippi		x	x	x			B	x		
Fish Trap Slough	C	8.2	State Line	33,23N,8E	Butler		x	x	x			B	x		
Fishing R.	P	26.4	Mouth	3,52N,31W	Ray	Clay	x	x	x			B	x		
Fishing R.	C	8.5	3,52N,31W	24,52N,32W	Clay		x	x	x			B	x		
Fishpot Cr.	P	3.5	Mouth	13,44N,04E	St. Louis		x	x	x			B	x		
Fishwater Cr.	P	4.8	Mouth	33,35N,4W	Dent		x	x	x			B	x		
Fivemile Cr.	P	5.0	State Line	21,26N,33W	Newton		x	x	x			B	x		
Flagstaff Cr.	C	4.7	Mouth	3,47N,25W	Johnson		x	x	x			B	x		
Flat Cr.	C	13.5	Mouth	2,54N,13W	Monroe	Randolph	x	x	x			B	x		
Flat Cr.	P	42.3	28,24N,24W	9,23N,27W	Stone	Barry	x	x	x	x		A	x		
Flat Cr.	P	2.5	9,23N,27W	21,23N,27W	Barry		x	x	x	x		A	x		
Flat Cr.	P	8.3	21,23N,27W	13,22N,28W	Barry		x	x	x	x		A	x		
Flat Cr.	C	6.0	Mouth	20,24N,3E	Ripley		x	x	x			B	x		
Flat Cr.	C	1.2	Mouth	27,43N,1W	Franklin		x	x	x			B	x		
Flat Cr.	P	2.7	Mouth	1,43N,03E	St. Louis		x	x	x			B	x		
Flat Cr.	P	23.7	Mouth	13,45N,21W	Morgan	Pettis	x	x	x			B	x		
Flat Cr.	C	22.0	13,45N,21W	02,43N,23W	Pettis		x	x	x			B	x		
Flat Cr.	C	6.4	Mouth	8,49N,19W	Saline	Cooper	x	x	x			B	x		
Flat Creek tributary	C	1.3	Mouth	17,45N,21W	Pettis		x	x	x			B	x		
Flat River	C	10.0	Mouth	21,36N,4E	St. Francois		x	x	x			B	x		
Flat Rock Cr.	C	0.5	Mouth	05,40N,20W	Benton		x	x	x			B	x		
Flatrock Cr.	P	2.0	Mouth	1,33N,12E	Cape Girardeau		x	x	x			B	x		
Flatrock Cr.	C	1.5	1,33N,12E	12,33N,12E	Cape Girardeau		x	x	x			B	x		
Fleck Cr.	C	4.3	Mouth	29,32N,33W	Barton		x	x	x			B	x		
Fletchall Cr.	C	4.0	Mouth	State Line	Worth		x	x	x			B	x		
Fletcher Branch	C	0.4	Mouth	31,39N,5E	Jefferson		x	x	x			B	x		
Fletcher Creek	C	7.4	Mouth	19,45N,25W	Johnson		x	x	x			B	x		

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Fletcher Creek tributary	C	2.3	Mouth	1,45N,26W	Johnson		x	x	x			B	x		
Flinger Br.	C	1.7	Mouth	17,28N,08W	Texas		x	x	x			B	x		
Flint Bottom Cr.	C	3.0	Mouth	21,37N,8E	Ste. Genevieve		x	x	x			B	x		
Flint Hill Br.	P	3.3	Mouth	9,30N,22W	Greene		x	x	x			B	x		
Flora Cr.	P	6.0	Mouth	35,32N,14E	Cape Girardeau		x	x	x			B	x		
Flora Creek	C	4.8	35,32N,14E	29,32N,14E	Cape Girardeau		x	x	x			B	x		
Flora Creek tributary	C	1.7	Mouth	15,32N,14E	Cape Girardeau		x	x	x			B	x		
Florida Cr.	C	8.4	Mouth	24,64N,37W	Nodaway		x	x	x				x		
Floyd Creek	C	17.1	Mouth	32,63N,15W	Adair		x	x	x			B	x		
Floyd Creek tributary	C	2.2	Mouth	33,63N,15W	Adair		x	x	x			B	x		
Flucom Br.	C	1.7	Mouth	12,39N,5E	Jefferson		x	x	x				x		
Fly Cr.	P	2.5	Mouth	30,40N,9W	Maries		x	x	x			B	x		
Fly Cr.	C	0.5	30,40N,9W	30,40N,9W	Maries		x	x	x			B	x		
Fly Cr.	C	5.6	Mouth	02,35N,29W	Vernon		x	x	x			B	x		
Fonso Br.	P	1.7	Mouth	6,47N,6W	Montgomery		x	x	x			B	x		
Fork Cr.	C	4.8	Mouth	6,44N,4W	Franklin	Gasconade	x	x	x			B	x		
Fortune Br.	C	2.7	Mouth	9,23N,26W	Barry		x	x	x			B	x		
Foster Branch	C	2.5	Mouth	22,46N,12W	Boone		x	x	x			B	x		
Foster Branch tributary	C	2.0	Mouth	15,46N,12W	Boone		x	x	x			B	x		
Foster Cr.	C	2.0	Mouth	4,30N,12E	Cape Girardeau		x	x	x			B	x		
Fountain Farm Br.	C	1.8	Mouth	32,38N,03E	Washington		x	x	x				x		
Fourche a DuClos Cr.	P	8.2	Mouth	30,38N,7E	Ste. Genevieve		x	x	x			B	x		
Fourche a DuClos Cr.	C	3.0	30,38N,7E	3,37N,6E	Ste. Genevieve		x	x	x			B	x		
Fourche a Renault Cr.	P	8.8	7,38N,2E	Sunnen Lake Dam	Washington		x	x	x			B	x		
Fourche a Renault Cr.	P	0.5	Sunnen Lake	15,37N,1E	Washington		x	x	x			B	x		
Fourche a Renault Cr.	C	2.4	15,37N,1E	23,37N,1E	Washington		x	x	x			B	x		
Fourche Cr.	P	14.6	State Line	15,23N,1W	Ripley		x	x	x	x		A	x		
Fourche Creek	P	0.2	15,23N,1W	15,23N,1W	Ripley		x	x	x	x		A	x		
Fourmile Cr.	C	5.5	Mouth	29,34N,18W	Dallas		x	x	x			B	x		
Fowler Cr.	C	6.0	Mouth	13,46N,12W	Boone		x	x	x			B	x		
Fox Cr.	P	7.2	Mouth	30,44N,03E	St. Louis		x	x	x			B	x		
Fox Cr.	C	0.5	Mouth	28,22N,20W	Taney		x	x	x			B	x		
Fox Cr.	P	4.0	Mouth	9,25N,13W	Douglas		x	x	x			B	x		
Fox Cr.	C	5.0	9,25N,13W	29,26N,13W	Douglas		x	x	x			B	x		
Fox Cr.	C	6.1	Mouth	20,63N,26W	Harrison		x	x	x			B	x		
Fox R.	PI	12.3	Mouth	6,64N,6W	Clark		x	x	x			B	x	x	
Fox R.	P	42.0	6,64N,6W	State Line	Clark		x	x	x			B	x		
Fox River tributary	C	0.5	Mouth	27,66N,8W	Clark		x	x	x			B	x		
Franklin Cr.	C	3.0	Mouth	32,26N,7E	Butler		x	x	x			B	x		
Frederick Cr.	C	15.0	8,22N,2W	2,22N,4W	Oregon		x	x	x			B	x		
Frederick Cr.	P	3.4	Mouth	8,22N,2W	Oregon		x	x	x			A	x		
Frene Cr.	P	1.8	Mouth	35,46N,5W	Gasconade		x	x	x			B	x		
Frene Cr.	C	3.3	35,46N,5W	10,45N,5W	Gasconade		x	x	x			B	x		
Fritz Creek	C	1.8	27,40N,4E	28,40N,4E	Jefferson		x	x	x			B	x		
Froe Hollow	P	2.0	Mouth	34,34N,4E	Iron		x	x	x			B	x		
Froggy Br.	C	1.2	Mouth	5,33N,11E	Cape Girardeau		x	x	x			B	x		
Funk Br.	C	3.3	Mouth	32,31N,3E	Reynolds	Iron	x	x	x			B	x		

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Furnace Cr.	P	2.8	Mouth	14,36N,2E	Washington		x	x	x			B	x		
Gabriel Cr.	P	5.0	Mouth	7,44N,18W	Morgan		x	x	x			A	x		
Gabriel Cr.	C	13.6	07,44N,18W	03,42N,19W	Morgan		x	x	x			B	x		
Gailey Branch	C	3.2	Mouth	10,53N,3W	Pike		x	x	x			B	x		
Galbreath Cr.	C	5.8	18,53N,12W	22,53N,13W	Monroe	Randolph	x	x	x			B	x		
Galena Hollow	C	3.6	Mouth	20,23N,26W	Barry		x	x	x			B	x		
Galligher Cr.	P	0.2	Mouth	20,41N,04E	Jefferson		x	x	x			B	x		
Gallinipper Cr.	C	1.3	Mouth	36,39N,26W	St. Clair		x	x	x			B	x		
Gallinipper Cr.	C	3.0	36,39N,26W	27,39N,26W	St. Clair		x	x	x			B	x		
Galloway Cr.	P	3.2	Mouth	4,28N,21W	Greene		x	x	x			B	x		
Ganaway Cr.	C	2.0	Mouth	25,52N,16W	Howard		x	x	x			B	x		
Gans Cr.	C	5.5	1,47N,13W	33,48N,12W	Boone		x	x	x			A	x		
Garrison Br.	C	2.0	Mouth	29,25N,19W	Christian		x	x	x			B	x		
Garrison Br.	C	0.7	23,27N,21W	23,27N,21W	Christian		x	x	x			B	x		
Garrison Fk.	C	6.8	Mouth	13,50N,27W	Lafayette		x	x	x			B	x		
Gasconade R.	P	264.0	Mouth	6,29N,14W	Gasconade	Wright	x	x	x	x	x	A	x	x	
Gasconade R.	P	11.2	6,29N,14W	26,29N,16W	Wright		x	x	x			B	x		
Gasconade R.	C	4.8	26,29N,16W	19,29N,16W	Wright	Webster	x	x	x			B	x		
Gees Cr.	C	13.8	Mouth	29,60N,25W	Livingston	Grundy	x	x	x			B	x		
Gillum Cr.	C	2.5	Mouth	23,39N,33W	Bates		x	x	x				x		
Gimlet Cr.	P	1.5	Mouth	26,31N,7E	Madison		x	x	x			B	x		
Girard Br.	C	2.5	Mouth	33,41N,1E	Franklin		x	x	x			B	x		
Givins Br.	C	4.7	Mouth	11,31N,19W	Webster		x	x	x			B	x		
Gizzard Cr.	P	0.9	Mouth	27,30N,7E	Wayne		x	x	x			B	x		
Gizzard Cr.	P	2.0	Mouth	6,29N,11E	Cape Girardeau	Bollinger	x	x	x			B	x		
Gizzard Cr.	C	1.6	6,29N,11E	36,30N,10E	Bollinger		x	x	x			B	x		
Gladden Cr.	P	2.5	Mouth	13,31N,6W	Shannon		x	x	x			B	x		
Gladden Cr.	C	15.2	13,31N,6W	5,32N,5W	Shannon	Dent	x	x	x			B	x		
Glade Cr.	C	0.9	Mouth	Sur 2081,30N,4E	Iron		x	x	x			B	x		
Glaize Cr.	P	6.1	Mouth	22,42N,5E	Jefferson		x	x	x			B	x		
Glaize Cr.	C	2.0	22,42N,5E	21,42N,5E	Jefferson		x	x	x			B	x		
Glaize Creek tributary	C	4.3	Mouth	36,42N,4E	Jefferson		x	x	x			B	x		
Glendale Fk.	C	5.4	Mouth	14,31N,33W	Barton		x	x	x				x		
Goldsbarry Hollow	C	2.7	Mouth	31,23N,16W	Ozark		x	x	x			B	x		
Goose Cr.	P	4.0	Mouth	10,28N,25W	Lawrence		x	x	x	x	x	B	x		
Goose Cr.	C	6.5	Mouth	25,38N,6E	Ste. Genevieve	St. Francois	x	x	x			B	x		
Goose Cr.	P	4.0	Mouth	17,35N,10E	Perry		x	x	x			B	x		
Goose Cr.	C	1.3	17,35N,10E	24,35N,9E	Perry		x	x	x			B	x		
Goose Cr.	P	1.0	Mouth	18,39N,1E	Washington		x	x	x			B	x		
Goose Cr.	C	2.0	18,39N,1E	21,39N,1E	Washington		x	x	x			B	x		
Goose Cr.	C	2.8	Mouth	Sur 837,35N,2E	Washington		x	x	x			B	x		
Goose Cr.	C	3.0	Mouth	Sur 183,31N,13E	Cape Girardeau		x	x	x				x		
Goose Cr.	C	1.5	Mouth	30,29N,7E	Wayne		x	x	x			B	x		
Goose Cr.	C	4.0	Mouth	28,26N,5E	Butler		x	x	x			B	x		
Goose Cr.	P	1.4	Mouth	22,33N,7E	Madison		x	x	x			B	x		
Goose Cr.	C	1.6	22,33N,7E	27,33N,7E	Madison		x	x	x			B	x		
Goose Cr.	P	2.4	Mouth	32,62N,29W	Daviess		x	x	x			B	x		

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Goose Cr.	C	4.4	Mouth	14,56N,29W	Caldwell		x	x	x			B	x		
Goose Pond Ditch	C	4.3	21,27N,9E	8,26N,9E	Stoddard		x	x	x			B	x		
Gooseneck Br.	C	2.5	Mouth	22,37N,20W	Hickory		x	x	x			B	x		
Gordon Cr.	P	2.0	Mouth	15,32N,3W	Dent		x	x	x			B	x		
Gordon Cr.	C	0.5	15,32N,3W	11,32N,3W	Dent		x	x	x			B	x		
Gower Br.	C	2.3	Mouth	09,32N,19W	Dallas		x	x	x			B	x		
Gracey Cr.	C	2.0	Mouth	6,42N,16W	Morgan		x	x	x			B	x		
Grand Glaize Creek	C	9.9	16,44N,5E	27,45N,4E	St. Louis		x	x	x			B	x		
Grand Glaize Creek	C	0.4	Mouth	16,44N,5E	St. Louis		x	x	x			B	x		
Grand R.	P	127.5	19,23N,57W	State Line	Livingston	Worth	x	x	x			A	x	x	
Grand R.	P	56.0	Mouth	Shoal Cr.	Chariton	Livingston	x	x	x			A	x	x	
Granddaddy Cr.	C	1.5	Mouth	26,41N,28W	Henry		x	x	x			B	x		
Grandglaize Cr.	P	7.6	Mouth	24,38N,15W	Miller	Camden	x	x	x			A	x		
Granny Cr.	P	1.0	Mouth	6,30N,11E	Bollinger		x	x	x			B	x		
Granny Cr.	C	1.2	6,30N,11E	31,31N,11E	Bollinger		x	x	x			B	x		
Grantham Cr.	C	3.4	Mouth	2,64N,33W	Gentry		x	x	x				x		
Grassy Cr.	C	1.8	Mouth	10,54N,2W	Pike		x	x	x			B	x		
Grassy Cr.	C	2.4	Mouth	26,48N,22W	Saline	Pettis	x	x	x			B	x		
Grassy Cr.	C	19.8	Mouth	34,61N,8W	Marion	Lewis	x	x	x			B	x		
Grassy Cr.	C	5.0	20,30N,8E	14,30N,8E	Bollinger		x	x	x			B	x		
Grassy Cr.	P	1.3	Mouth	20,30N,8E	Bollinger		x	x	x			B	x		
Grassy Hollow	C	3.9	Mouth	09,28N,07W	Texas		x	x	x			B	x		
Graveyard Br.	C	0.9	Mouth	01,42N,09W	Osage		x	x	x			B	x		
Gravois Cr.	P	9.3	Mouth	20,42N,18W	Morgan		x	x	x			A	x		
Gravois Creek	P	2.3	Mouth	Landgrant03102	St. Louis City	St. Louis	x	x	x			B	x		
Gravois Creek	C	10.7	Landgrant03068	1,44N,5E	St. Louis		x	x	x			B	x		
Gravois Creek tributary	C	2.0	Mouth	20,44N,6E	St. Louis		x	x	x			B	x		
Gravois Creek tributary	C	1.9	Mouth	19,44N,6E	St. Louis		x	x	x			B	x		
Grays Cr.	P	13.8	Mouth	35,45N,13W	Cole		x	x	x			B	x		
Grays Cr.	C	1.0	35,45N,13W	34,45N,13W	Cole		x	x	x			B	x		
Greasy Cr	C	1.5	Mouth	11,29N,3E	Wayne		x	x	x			B	x		
Greasy Cr.	P	4.2	Mouth	31,34N,19W	Dallas		x	x	x	x		B	x		
Greasy Cr.	C	11.5	31,34N,19W	11,32N,20W	Dallas		x	x	x	x		B	x		
Greasy Cr.	C	4.1	Mouth	23,35N,7E	Ste. Genevieve		x	x	x			B	x		
Greasy Cr.	C	4.2	Mouth	12,21N,29W	Barry		x	x	x			B	x		
Greasy Cr.	C	0.7	14,45N,08W	13,45N,08W	Osage		x	x	x			B	x		
Greasy Cr.	P	0.2	Mouth	14,45N,08W	Osage		x	x	x			B	x		
Greedy Cr.	C	1.7	20,41N,06W	18,41N,06W	Gasconade		x	x	x			B	x		
Greedy Cr.	P	0.8	Mouth	20,41N,06W	Gasconade		x	x	x			B	x		
Green Spring Br.	C	1.8	Mouth	02,35N,25W	St. Clair	Cedar	x	x	x			B	x		
Greenbriar Cr.	C	2.0	Mouth	27,24N,2W	Oregon		x	x	x			B	x		
Greens Cr.	C	0.7	Mouth	2,39N,2W	Crawford		x	x	x			B	x		
Greenwood Valley	C	1.9	Mouth	28,28N,3E	Wayne		x	x	x			B	x		
Greer Br.	C	6.6	Mouth	23,47N,21W	Pettis		x	x	x			B	x		
Greer Cr.	C	1.8	Mouth	25,31N,19W	Webster		x	x	x			B	x		
Greer Spring Br.	P	1.3	Mouth	36,25N,4W	Oregon		x	x	x	x	x	B	x		
Greggs Cr.	C	2.0	Mouth	Sur 2653,51N,17W	Howard		x	x	x			B	x		

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Greys Lake	C	5.2	13,66N,42W	10,66N,42W	Atchison		x	x	x			B	x		
Grindstone Br.	C	6.0	Mouth	25,51N,13W	Boone		x	x	x			B	x		
Grindstone Cr.	P	17.9	Mouth	35,59N,30W	Daviess	DeKalb	x	x	x			A	x		
Grindstone Cr.	C	19.4	35,59N,30W	24,57N,31W	DeKalb	Clinton	x	x	x			B	x		
Grindstone Cr.	C	2.5	Mouth	20,48N,12W	Boone		x	x	x			A	x		
Groshong Br.	C	1.5	Mouth	12,48N,1E	Lincoln		x	x	x			B	x		
Grounds Cr.	C	1.3	Mouth	4,32N,8E	Madison		x	x	x			B	x		
Grove Cr.	P	2.9	Mouth	1,27N,32W	Jasper		x	x	x			B	x		
Grove Cr.	C	3.3	Mouth	8,54N,33W	Platte		x	x	x			B	x		
Guinns Cr.	C	0.5	Mouth	30,52N,2E	Pike		x	x	x			B	x		
Gulley Spring Cr.	C	4.3	Mouth	5,21N,14W	Ozark		x	x	x			B	x		
Gum Spring Br.	C	0.5	Hwy. W	31,43N,11W	Cole		x	x	x			B	x		
Gum Spring Cr.	P	1.0	Mouth	Hwy. W	Cole		x	x	x			B	x		
Gunns Branch	C	13.6	Mouth	14,66N,12W	Scotland		x	x	x			B	x		
Gunter Cr.	C	6.7	Mouth	29,24N,27W	Barry		x	x	x			B	x		
Hackberry Br.	C	4.5	Mouth	29,35N,32W	Vernon		x	x	x			B	x		
Haldiman Br.	C	3.0	Mouth	10,46N,14W	Moniteau		x	x	x			B	x		
Half Moon Bayou	C	3.0	23,17N,12E	8,17N,13E	Pemiscot		x	x	x			B	x		
Halls Cr.	C	1.5	Mouth	18,46N,8W	Callaway		x	x	x			B	x		
Halsey Hollow	C	2.2	Mouth	2,35N,18W	Dallas		x	x	x			B	x		
Hamilton Cr.	P	4.5	Mouth	5,29N,10W	Texas		x	x	x			B	x		
Hamilton Cr.	C	2.0	5,29N,10W	7,29N,10W	Texas		x	x	x			B	x		
Hamilton Cr.	C	2.2	Mouth	29,40N,1W	Washington		x	x	x			B	x		
Hamilton Cr.	P	1.8	Mouth	14,44N,03E	St. Louis		x	x	x			B	x		
Hancock Hollow	C	1.0	Mouth	2,25N,21W	Christian		x	x	x			B	x		
Hankens Br.	C	1.0	Mouth	33,33N,20W	Dallas		x	x	x			B	x		
Happy Sock Creek	C	6.6	Mouth	34,42N,1W	Franklin		x	x	x			B	x		
Harding Cr.	C	3.0	Mouth	15,43N,33W	Cass		x	x	x			B	x		
Harless Cr.	C	2.3	34,44N,33W	28,44N,33W	Cass		x	x	x			B	x		
Harmony Creek	C	2.9	Mouth	3,48N,13W	Boone		x	x	x			B	x		
Harmony Creek tributary	C	1.2	Mouth	16,48N,13W	Boone		x	x	x			B	x		
Harmony Creek tributary	C	1.0	Mouth	10,48N,13W	Boone		x	x	x			B	x		
Harmony Creek tributary	C	0.9	Mouth	10,48N,13W	Boone		x	x	x			B	x		
Harpst Chute	P	5.5	Mouth	30,54N,36W	Platte		x	x	x			B	x		
Harris Br.	C	1.0	Mouth	18,39N,1W	Washington		x	x	x			B	x		
Harris Cr.	C	5.6	Mouth	34,23N,3E	Ripley		x	x	x			B	x		
Harrison Br.	P	1.0	Mouth	15,24N,33W	Newton		x	x	x			B	x		
Harrison Br.	C	1.7	15,24N,33W	23,24N,33W	Newton		x	x	x			B	x		
Harrison Br.	C	3.7	Mouth	32,49N,8W	Callaway		x	x	x			B	x		
Harrisonville City Lake tributary	C	2.3	Mouth	9,45N,31W	Cass		x	x	x			B	x		
Harry S Truman Reservoir tributary	C	1.4	Mouth	11,41N,24W	Henry		x	x	x			B	x		
Hart Cr.	C	3.2	Mouth	6,45N,12W	Boone		x	x	x			B	x		
Harviell Ditch (#3)	C	16.2	State Line	12,23N,5E	Ripley	Butler	x	x	x			B	x		
Haverstick Cr.	C	1.5	Mouth	29,40N,5E	Jefferson		x	x	x				x		
Haw Cr.	C	1.0	Mouth	33,40N,13W	Miller		x	x	x			B	x		
Haw Cr.	P	17.5	Mouth	6,42N,19W	Morgan		x	x	x			A	x		

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Haw Cr.	C	1.5	6,42N,19W	12,42N,20W	Morgan	Benton	x	x	x			B	x		
Hawker Br.	C	2.5	16,33N,26W	18,33N,26W	Cedar		x	x	x			B	x		
Hawker Cr.	P	8.6	Mouth	16,29N,9E	Bollinger		x	x	x			B	x		
Hawker Cr.	C	1.5	16,29N,9E	8,29N,9E	Bollinger		x	x	x			B	x		
Hawn Cr.	C	0.9	Mouth	30,32N,9E	Bollinger		x	x	x			B	x		
Hayden Cr.	C	2.7	Mouth	7,36N,4E	St. Francois		x	x	x			B	x		
Hays Cr.	C	2.0	Mouth	29,54N,5W	Ralls		x	x	x			B	x		
Hayzlett Br.	P	2.4	Mouth	25,62N,37W	Nodaway		x	x	x			B	x		
Hazel Cr.	P	9.0	Mouth	20,36N,1E	Washington		x	x	x			B	x		
Hazel Cr.	C	2.2	20,36N,1E	15,36N,1E	Washington		x	x	x			B	x		
Hazel Cr.	C	5.6	Mouth	31,64N,15W	Adair		x	x	x			B	x		
Hazel Run	C	4.3	Mouth	35,38N,5E	St. Francois		x	x	x			B	x		
Hazelton Spring	P	0.1	Mouth	34,33N,10W	Texas		x	x	x			B	x		
Heads Cr.	P	2.7	Mouth	3,42N,4E	Jefferson		x	x	x			B	x		
Heads Cr.	C	2.4	3,42N,4E	14,42N,4E	Jefferson		x	x	x				x		
Headwater Div. Chan.	P	20.3	Mouth	4,29N,11E	Cape Girardeau		x	x	x			A	x	x	
Heat String Cr.	C	1.3	Mouth	36,49N,8W	Callaway		x	x	x			B	x		
Heaths Cr.	P	21.0	Mouth	27,48N,21W	Cooper	Pettis	x	x	x	x		B	x		
Heaths Cr.	C	11.5	27,48N,22W	17,47N,22W	Pettis		x	x	x	x		B	x		
Henderson Cr.	P	0.4	Mouth	32,33N,8E	Madison		x	x	x			B	x		
Henderson Cr.	C	1.7	32,33N,8E	30,33N,7E	Madison		x	x	x			B	x		
Henderson Hollow	C	0.9	Mouth	16,30N,4E	Iron		x	x	x			B	x		
Hemppeck Hollow	C	2.2	Mouth	22,38N,2W	Crawford		x	x	x			B	x		
Henry Cr.	C	3.7	23,44N,22W	36,44N,22W	Pettis		x	x	x			B	x		
Henry Cr.	P	1.7	Mouth	23,44N,22W	Pettis		x	x	x			B	x		
Hess Cr.	C	3.1	Mouth	13,47N,22W	Pettis		x	x	x			B	x		
Hicklin Cr.	C	5.3	Mouth	12,34N,29W	Cedar		x	x	x			B	x		
Hickory Br.	C	6.8	Mouth	7,55N,20W	Chariton		x	x	x			B	x		
Hickory Cr	C	1.0	Mouth	1,59N,38W	Holt		x	x	x			B	x		
Hickory Cr.	C	4.2	Mouth	20,37N,7E	Ste. Genevieve		x	x	x			B	x		
Hickory Cr.	C	6.6	Mouth	2,51N,6W	Audrain		x	x	x			B	x		
Hickory Cr.	C	2.7	Mouth	11,25N,6E	Butler		x	x	x			B	x		
Hickory Cr.	C	1.2	Mouth	21,61N,37W	Holt		x	x	x			B	x		
Hickory Cr.	P	4.9	Mouth	28,25N,31W	Newton		x	x	x			A	x		
Hickory Cr.	C	1.5	Mouth	11,61N,34W	Andrew		x	x	x			B	x		
Hickory Cr.	C	2.8	Mouth	11,60N,28W	Daviess		x	x	x				x		
Hickory Cr.	P	3.0	Mouth	22,61N,31W	Gentry		x	x	x			B	x		
Hickory Cr.	C	10.9	Mouth	9,60N,25W	Grundy		x	x	x			B	x		
Hickory Flat Cr.	P	1.0	Mouth	6,27N,7E	Wayne		x	x	x			B	x		
Higgins Cr.	C	1.3	Mouth	34,43N,12W	Cole		x	x	x			B	x		
High Cr.	C	6.3	20,66N,41W	13,66N,41W	Atchison		x	x	x			B	x		
High Cr. Ditch	C	3.7	22,66N,42W	20,66N,41W	Atchison		x	x	x			B	x		
Highly Cr.	C	3.9	Mouth	7,62N,37W	Holt		x	x	x			B	x		
Hightower Cr.	C	5.1	Mouth	30,37N,30W	Vernon		x	x	x			B	x		
Hillers Cr.	P	5.8	Mouth	32,45N,9W	Callaway		x	x	x			B	x		
Hillers Cr.	C	12.8	32,45N,9W	34,46N,10W	Callaway		x	x	x			B	x		
Hinch Br.	P	1.5	Mouth	33,39N,2W	Crawford		x	x	x			B	x		

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Hinch Br.	C	1.9	33,39N,2W	4,38N,2W	Crawford		x	x	x			B	x		
Hinkson Cr.	P	7.6	Mouth	Hwy. 163	Boone		x	x	x			B	x		
Hinkson Cr.	C	18.8	Hwy. 163	36,50N,12W	Boone		x	x	x			A	x		
Hippo Br.	C	2.3	Mouth	7,54N,5W	Ralls		x	x	x			B	x		
Hocum Hollow	C	0.5	Mouth	Sur 1856,40N,6E	Jefferson		x	x	x			B	x		
Hodge Cr.	C	2.0	28,32N,4W	16,32N,4W	Dent		x	x	x			B	x		
Hog Cr.	P	5.1	Mouth	06,29N,9W	Texas		x	x	x	x		B	x		
Hog Cr.	C	4.4	06,29N,9W	16,29N,09W	Texas		x	x	x			B	x		
Hog Cr.	C	6.5	Mouth	18,62N,16W	Adair		x	x	x			B	x		
Hog Cr.	C	1.9	14,31N,10E	3,31N,10E	Bollinger		x	x	x			A	x		
Hog Cr.	P	9.4	Mouth	14,31N,10E	Cape Girardeau	Bollinger	x	x	x			B	x		
Hogan Fk.	C	5.8	Mouth	17,44N,26W	Johnson		x	x	x				x		
Hogard Cr.	C	1.3	Mouth	1,22N,14W	Ozark		x	x	x			B	x		
Hogles Cr.	P	17.8	Mouth	5,37N,23W	Benton	Hickory	x	x	x	x		B	x		
Hogles Cr.	C	6.4	5,37N,23W	34,37N,23W	Hickory		x	x	x	x		B	x		
Holland Br.	C	3.0	Mouth	10,54N,34W	Platte		x	x	x			B	x		
Holtzclaw Creek	C	3.9	14,53N,32W	27,53N,32W	Clay		x	x	x			B	x		
Homes Cr.	C	5.2	Mouth	Hwy 33	Clay		x	x	x			B	x		
Hominy Br.	C	1.0	Mouth	17,48N,12W	Boone		x	x	x			B	x		
Hominy Cr.	P	13.2	Mouth	15,33N,21W	Polk		x	x	x			B	x		
Honey Cr.	C	8.5	Mouth	24,43N,27W	Henry		x	x	x			B	x		
Honey Cr.	P	16.5	Mouth	22,27N,25W	Lawrence		x	x	x			B	x		
Honey Cr.	C	2.7	22,27N,25W	35,27N,25W	Lawrence		x	x	x			B	x		
Honey Cr.	P	2.6	State Line	State Line	McDonald		x	x	x			A	x		
Honey Cr.	P	12.2	Mouth	1,65N,34W	Nodaway		x	x	x			B	x		
Honey Cr.	C	6.7	1,65N,34W	18,66N,33W	Nodaway		x	x	x			B	x		
Honey Cr.	P1	7.0	Mouth	33,64N,6W	Clark		x	x	x			B	x		
Honey Cr.	C	15.0	Hwy 61	Hwy 81	Clark		x	x	x			B	x		
Honey Cr.	C	8.3	Mouth	35,59N,28W	Daviess		x	x	x			B	x		
Honey Cr.	C	25.1	Mouth	29,63N,23W	Livingston	Grundy	x	x	x			B	x		
Honey Cr.	C	2.6	Mouth	13,46N,19W	Cooper		x	x	x			B	x		
Honey Cr.	C	7.0	Mouth	14,47N,27W	Johnson		x	x	x			B	x		
Honey Cr.	C	4.6	Mouth	29,43N,12W	Cole		x	x	x			B	x		
Honey Cypress Ditch	P	14.7	Mouth	27,18N,8E	Dunklin		x	x	x			B	x		
Honey Run	C	1.7	Mouth	6,38N,15W	Camden		x	x	x			B	x		
Hoosier Cr.	C	2.2	Mouth	11,41N,1W	Franklin		x	x	x			B	x		
Hoover Cr.	C	7.2	Mouth	1,55N,14W	Macon	Randolph	x	x	x			B	x		
Hope Cr.	C	1.7	Mouth	35,44N,7W	Osage		x	x	x			B	x		
Hopewell Cr.	C	1.0	Mouth	3,36N,3E	Washington		x	x	x			B	x		
Horrell Cr.	P	3.0	Mouth	Sur 233,32N,12E	Cape Girardeau		x	x	x			B	x		
Horrell Cr.	C	1.7	Sur 233, 32N12E	2,32N,12E	Cape Girardeau		x	x	x			B	x		
Horse Cr.	P	27.7	Mouth	35,34N,29W	Cedar	Vernon	x	x	x			B	x		
Horse Cr.	C	34.6	35,34N,29W	15,31N,28W	Vernon	Dade	x	x	x			B	x		
Horse Cr.	C	2.0	Mouth	26,25N,23W	Stone		x	x	x			B	x		
Horse Fk.	C	4.4	Mouth	6,55N,31W	Clinton		x	x	x			B	x		
Horseshoe Cr.	C	5.8	Mouth	10,48N,29W	Jackson	Lafayette	x	x	x			B	x		
Horstman Cr.	C	2.0	Mouth	7,45N,4W	Gasconade		x	x	x			B	x		

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Houfs Cr.	C	1.6	Mouth	27,48N,9W	Callaway		x	x	x			B	x		
Housgen Cr.	C	0.9	Mouth	2,44N,9W	Osage		x	x	x			B	x		
Howard Cr.	C	4.3	Mouth	2,46N,15W	Moniteau		x	x	x			B	x		
Howell Cr.	C	16.8	Mouth	22,24N,8W	Oregon	Howell	x	x	x			B	x		
Howley Branch	P	0.8	Mouth	7,59N,38W	Holt		x	x	x			B	x		
Howley Branch	C	2.5	7,59N,38W	30,60N,38W	Holt		x	x	x				x		
Howley Branch	C	2.1	Mouth	20,60N,38W	Holt		x	x	x			B	x		
Howley Branch tributary	C	3.9	Mouth	21,60N,38W	Holt		x	x	x			B	x		
Hubble Cr.	P	15.0	Mouth	Sur 2250,31N,12E	Cape Girardeau		x	x	x			B	x		
Hubble Cr.	C	2.5	Sur 2250,31N,12E	Sur 2192,32N,13E	Cape Girardeau		x	x	x			B	x		
Hubble Cr.	P	1.5	Mouth	23,29N,5E	Wayne		x	x	x			B	x		
Hubble Cr.	C	2.0	23,29N,5E	11,29N,5E	Wayne		x	x	x			B	x		
Hudson Cr.	C	4.5	Mouth	11,25N,28W	Barry		x	x	x			B	x		
Huff Cr.	C	2.0	Mouth	6,69N,37W	Nodaway		x	x	x			B	x		
Huffman Lateral	P	12.0	6,23N,11E	16,25N,11E	Stoddard		x	x	x			B	x		
Hughes Cr.	P	3.0	Mouth	15,33N,12E	Cape Girardeau		x	x	x			B	x		
Hughes Cr.	C	2.9	15,33N,12E	20,33N,12E	Cape Girardeau		x	x	x			B	x		
Huldy Hollow	C	2.0	Mouth	28,31N,07W	Texas		x	x	x				x		
Humphrey Cr.	P	1.2	Mouth	1,40N,13W	Miller		x	x	x			B	x		
Hungry Cr.	C	2.1	Mouth	5,27N,11W	Douglas		x	x	x			B	x		
Hungry Mother Cr.	C	9.5	Mouth	18,51N,14W	Howard		x	x	x			B	x		
Hunke Cr.	C	1.8	Mouth	33,43N,06W	Gasconade		x	x	x			B	x		
Hunt Br.	P	0.5	22,28N,21W	22,28N,21W	Greene		x	x	x			B	x		
Hunt Br.	P	1.0	23,28N,21W	24,28N,21W	Greene		x	x	x			B	x		
Hunter Cr.	P	10.2	Mouth	6,26N,15W	Douglas		x	x	x			A	x		
Hunter Cr.	C	3.2	Mouth	20,30N,6E	Wayne		x	x	x			B	x		
Hurricane Br.	C	1.8	Mouth	27,59N,26W	Daviess		x	x	x			B	x		
Hurricane Cr.	P	1.9	Mouth	30,24N,12W	Ozark		x	x	x	x		B	x		
Hurricane Cr.	P	3.4	Mouth	28,25N,3W	Oregon		x	x	x			A	x		
Hurricane Cr.	C	6.1	28,25N,3W	4,25N,3W	Oregon		x	x	x			B	x		
Hurricane Cr.	C	6.0	Mouth	Hwy. 21	Ripley		x	x	x			B	x		
Hurricane Cr.	C	6.2	Mouth	35,55N,22W	Carroll		x	x	x			B	x		
Hurricane Cr.	C	3.8	Mouth	23,51N,17W	Howard		x	x	x			B	x		
Hurricane Cr.	P	12.4	Mouth	35,32N,9E	Bollinger		x	x	x			A	x		
Hutchins Creek	P	4.5	Mouth	11,34N,4W	Dent		x	x	x			B	x		
Huzzah Cr.	P	35.8	Mouth	1,34N,3W	Crawford	Dent	x	x	x	x		A	x		
Huzzah Cr.	P	1.0	Mouth	31,31N,6E	Madison		x	x	x			B	x		
Hyatts Cr.	P	2.5	Mouth	2,31N,2E	Reynolds		x	x	x			B	x		
Hyde Cr.	P	4.4	Mouth	33,31N,16W	Webster		x	x	x			B	x		
Imboden Fk.	P	6.4	Mouth	27,34N,2E	Reynolds	Iron	x	x	x			B	x		
Indian Br.	C	3.8	Mouth	22,58N,25W	Livingston		x	x	x			B	x		
Indian Camp Cr.	P	3.3	Mouth	6,47N,1E	St. Charles		x	x	x			B	x		
Indian Camp Cr.	C	3.5	2,47N,1W	4,47N,1W	St. Charles	Warren	x	x	x			B	x		
Indian Cr.	C	3.3	Mouth	3,55N,8W	Monroe		x	x	x			B	x		
Indian Cr.	C	3.0	Mouth	5,41N,16W	Morgan		x	x	x			A	x		
Indian Cr.	P	7.7	Mouth	21,42N,20W	Benton		x	x	x	x		B	x		
Indian Cr.	C	1.2	Mouth	22,42N,8W	Osage		x	x	x			B	x		

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WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Indian Cr.	P	3.7	Mouth	30,30N,9W	Texas		x	x	x			B	x		
Indian Cr.	C	2.7	30,30N,9W	27,30N,9W	Texas		x	x	x			B	x		
Indian Cr.	C	20.0	Mouth	17,52N,4W	Pike		x	x	x			B	x		
Indian Cr.	P	8.1	Mouth	10,32N,13E	Cape Girardeau		x	x	x			B	x		
Indian Cr.	P	1.0	Mouth	35,35N,3W	Crawford		x	x	x			B	x		
Indian Cr.	C	2.0	35,35N,3W	34,35N,3W	Crawford	Dent	x	x	x			B	x		
Indian Cr.	P	1.9	Mouth	18,35N,1W	Washington		x	x	x			B	x		
Indian Cr.	P	21.4	Mouth	36,39N,01W	Franklin	Washington	x	x	x	x	x	B	x		
Indian Cr.	C	3.4	36,39N,1W	8,38N,1E	Washington		x	x	x	x	x	B	x		
Indian Cr.	C	2.1	Mouth	28,21N,24W	Stone		x	x	x			B	x		
Indian Cr.	P	10.0	Mouth	35,27N,11W	Douglas		x	x	x			B	x		
Indian Cr.	C	7.5	35,27N,11W	22,27N,10W	Douglas	Howell	x	x	x			B	x		
Indian Cr.	P	6.1	Mouth	7,25N,7E	Butler		x	x	x			B	x		
Indian Cr.	C	1.6	7,25N,7E	6,25N,7E	Butler		x	x	x			B	x		
Indian Cr.	P	5.5	Mouth	5,34N,4E	St. Francois		x	x	x			A	x		
Indian Cr.	P	30.8	Mouth	24,24N,31W	McDonald	Newton	x	x	x	x	x	A	x		
Indian Cr.	C	0.8	Mouth	28,40N,09W	Maries		x	x	x			B	x		
Indian Cr.	C	0.2	Mouth	34,44N,08W	Osage		x	x	x			B	x		
Indian Cr.	C	2.4	Mouth	28,43N,9W	Osage		x	x	x			B	x		
Indian Cr.	C	3.4	Mouth	State Line	Jackson		x	x	x			A	x		x
Indian Cr.	C	3.2	Mouth	8,64N,32W	Gentry		x	x	x			B	x		
Indian Cr.	C	4.3	Mouth	17,66N,26W	Harrison		x	x	x			B	x		
Indian Cr.	C	3.5	Mouth	9,64N,11W	Scotland		x	x	x			B	x		
Indian Cr.	P	1.3	Mouth	9,31N,9E	Bollinger		x	x	x			B	x		
Indian Cr.	C	0.7	9,31N,9E	4,31N,9E	Bollinger		x	x	x			B	x		
Indian Creek	C	5.2	Mouth	Landgrant03107	Ste. Genevieve		x	x	x			B	x		
Indian Creek tributary	C	0.4	Mouth	32,38N,3W	Washington		x	x	x			B	x		
Ingalls Cr.	C	6.8	Mouth	01,35N,21W	Hickory		x	x	x			B	x		
Iowa Ditch	P	2.8	Mouth	State Line	Atchison		x	x	x			B	x		
Ironton Hollow	C	0.9	Mouth	33,34N,4E	Iron		x	x	x			B	x		
Irvins Br.	C	3.3	Mouth	10,59N,30W	DeKalb		x	x	x			B	x		
Irwin Cr.	C	7.0	Mouth	State Line	Mercer		x	x	x			B	x		
Ishmael Branch	C	0.9	Mouth	17,36N,1E	Washington		x	x	x			B	x		
Ishmael Branch	C	0.5	17,36N,1E	9,36N,1E	Washington		x	x	x			B	x		
Island Cr.	C	8.9	Mouth	6,61N,32W	Gentry		x	x	x			B	x		
Isle du Bois Cr.	P	4.5	Mouth	18,39N,7E	Ste. Genevieve		x	x	x			B	x		
Isle du Bois Cr.	C	2.3	18,39N,7E	14,39N,6E	Ste. Genevieve		x	x	x			B	x		
Isum Creek	C	2.8	Mouth	28,42N,4E	Jefferson		x	x	x			B	x		
Isum Creek tributary	C	1.3	Mouth	32,42N,4E	Jefferson		x	x	x			B	x		
Jack Buster Cr.	P	1.5	Mouth	10,41N,14W	Miller		x	x	x			B	x		
Jack Cr.	C	0.8	Mouth	19,33N,10E	Bollinger		x	x	x			B	x		
Jacks Creek	C	4.6	Mouth	29,37N,18W	Camden		x	x	x			B	x		
Jacks Fk.	P	61.6	Mouth	29,28N,7W	Shannon	Texas	x	x	x	x	x	A	x		
Jacktar Hollow	C	5.1	Mouth	22,32N,10W	Texas		x	x	x			B	x		
Jacobs Br.	P	1.6	Mouth	2,26N,33W	Newton		x	x	x			B	x		
Jakes Cr.	C	11.3	Mouth	24,35N,19W	Dallas		x	x	x			B	x		
Jam Up Cr.	P	3.0	Mouth	16,27N,6W	Shannon		x	x	x			B	x		

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and Human Health Protection (HHP)

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WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Jam Up Cr.	C	1.8	16,27N,6W	20,27N,6W	Shannon		x	x	x			B	x		
James Bayou	C	3.5	12,23N,16E	26,23N,16E	Mississippi		x	x	x			B	x		
James Bayou	C	5.5	12,23N,16E	28,24N,16E	Mississippi		x	x	x			B	x		
James Bayou	C	5.8	2,24N,16E	2,25N,16E	Mississippi		x	x	x			B	x		
James Br.	P	1.5	Mouth	23,35N,3W	Crawford		x	x	x			B	x		
James Br.	C	1.9	23,35N,3W	28,35N,3W	Crawford		x	x	x			B	x		
James Cr.	C	2.5	Mouth	17,35N,2E	Washington		x	x	x			B	x		
James R.	P	29.4	Mouth	8,26N,22W	Stone		x	x	x	x		A	x		
James R.	P	23.5	8,26N,22W	Lk. Springfd. Dam	Stone	Greene	x	x	x	x		A	x		
James R.	P	39.0	Mouth	24,29N,17W	Greene	Webster	x	x	x	x		A	x	x	
Jarvis Hollow	C	1.3	Mouth	23,38N,17W	Camden		x	x	x			B	x		
Jemerson Cr.	C	3.4	Mouth	29,46N,12W	Boone		x	x	x			B	x		
Jenkins Cr.	C	3.0	Mouth	1,24N,26W	Barry		x	x	x			B	x		
Jenkins Cr.	C	7.2	Mouth	8,62N,36W	Nodaway		x	x	x			B	x		
Jenkins Cr.	P	2.8	Mouth	7,27N,30W	Jasper		x	x	x			A	x		
Jenkins Cr.	C	4.8	7,27N,30W	22,27N,30W	Jasper	Newton	x	x	x			A	x		
Jerktail Br.	C	0.5	Mouth	11,34N,19W	Dallas		x	x	x			B	x		
Jesse Cr.	P	0.7	Mouth	21,29N,8E	Bollinger		x	x	x			B	x		
Jesse Cr.	C	2.0	21,29N,8E	9,29N,8E	Bollinger		x	x	x			B	x		
Joachim Creek	P	30.0	Mouth	30,39N,5E	Jefferson		x	x	x			A	x	x	
Joachim Creek	C	6.6	30,39N,5E	16,38N,5E	Jefferson	St. Francois	x	x	x			A	x		
Joachim Creek tributary	C	1.7	Mouth	36,39N,4E	Jefferson		x	x	x			B	x		
Joachim Creek tributary	C	2.8	Mouth	12,40N,4E	Jefferson		x	x	x			B	x		
Joes Cr.	C	1.0	Mouth	23,34N,1E	Iron		x	x	x			B	x		
Johns Br.	C	1.3	Mouth	32,51N,4W	Pike		x	x	x			B	x		
Johns Br.	C	2.9	18,27N,8E	11,27N,7E	Wayne		x	x	x			B	x		
Johns Cr.	C	1.0	Mouth	6,35N,9E	Ste. Genevieve		x	x	x			B	x		
Johns Cr.	P	1.4	Mouth	22,36N,1W	Washington		x	x	x			B	x		
Johns Cr.	C	2.0	22,36N,1W	27,36N,1W	Washington		x	x	x			B	x		
Johnson Br.	C	1.0	Mouth	29,30N,9W	Texas		x	x	x				x		
Johnson Cr.	P	3.0	Mouth	36,29N,26W	Lawrence		x	x	x	x		A	x		
Johnson Hollow	C	1.0	Mouth	13,27N,20W	Christian		x	x	x			B	x		
Jonca Cr.	P	3.5	Mouth	36,37N,7E	Ste. Genevieve		x	x	x			B	x		
Jonca Cr.	C	6.0	36,37N,7E	8,36N,7E	Ste. Genevieve		x	x	x			B	x		
Jones Br.	C	3.2	Mouth	32,33N,19W	Dallas		x	x	x			B	x		
Jones Branch	C	0.7	Mouth	27,29N,21W	Greene		x	x	x			B	x		
Jones Cr.	C	3.0	Mouth	8,32N,18W	Dallas		x	x	x				x		
Jones Cr.	C	8.0	Mouth	27,38N,11W	Pulaski		x	x	x			A	x		
Jones Cr.	P	3.5	Mouth	15,41N,03E	Jefferson		x	x	x			B	x		
Jones Cr.	P	7.5	Mouth	30,27N,30W	Jasper	Newton	x	x	x	x		A	x		
Jones Cr.	C	4.0	Mouth	4,42N,16W	Morgan		x	x	x			B	x		
Joplin Creek	C	3.9	Mouth	14,27N,33W	Jasper		x	x	x			B	x		
Joplin Creek tributary	C	2.9	Mouth	13,27N,32W	Jasper		x	x	x			B	x		
Jordan Br.	C	1.2	Mouth	13,30N,26W	Dade		x	x	x			B	x		
Jordan Br.	C	2.2	Mouth	15,37N,22W	Hickory		x	x	x			B	x		
Jordan Br.	C	1.8	Mouth	32,35N,9E	Perry		x	x	x			B	x		
Jordan Br.	C	7.2	Mouth	32,55N,35W	Platte	Buchanan	x	x	x			B	x		

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Jordan Cr.	C	1.4	Mouth	10,57N,33W	DeKalb		x	x	x			B	x		
Jordan Cr.	P	3.8	Mouth	23,29N,22W	Greene		x	x	x			B	x		
Jordan Cr.	C	3.5	Mouth	16,49N,23W	Saline		x	x	x			B	x		
Jowler Cr.	C	8.9	Mouth	19,54N,34W	Platte		x	x	x			B	x		
Joyce Cr.	C	4.5	Mouth	16,24N,28W	Barry		x	x	x			B	x		
Judge Cr.	C	3.0	Mouth	19,36N,19W	Dallas		x	x	x			B	x		
Kaintuck Hollow Cr.	P	2.4	Mouth	15,36N,09W	Phelps		x	x	x			B	x		
Keelstone Br.	C	1.0	Mouth	2,48N,1E	Lincoln		x	x	x			B	x		
Keeney Cr.	C	4.9	Mouth	13,51N,29W	Ray		x	x	x				x		
Keifer Creek	P	1.2	Mouth	Landgrant01997	St. Louis		x	x	x			A	x		
Kelley Br.	C	1.3	Mouth	25,50N,13W	Boone		x	x	x			B	x		
Kelley Br.	C	5.8	Mouth	15,50N,12W	Boone		x	x	x				x		
Kelley Br.	C	0.8	Mouth	1,44N,17W	Moniteau		x	x	x			B	x		
Kelley Valley	C	2.7	Mouth	23,27N,3E	Wayne		x	x	x			B	x		
Kelley Valley	P	1.0	23,27N,3E	26,27N,3E	Wayne	Carter	x	x	x			B	x		
Kelly Hollow	C	1.0	Mouth	3,35N,1W	Washington		x	x	x			B	x		
Kelly Hollow	P	1.3	Mouth	26,25N,3W	Oregon		x	x	x			B	x		
Kenser Cr.	C	2.0	Mouth	22,39N,12W	Miller		x	x	x			B	x		
Kessler Cr.	C	2.2	Mouth	21,34N,6E	Madison		x	x	x			B	x		
Ketchum Hollow	C	1.9	Mouth	24,22N,27W	Barry		x	x	x				x		
Kettle Cr.	C	0.8	Mouth	31,58N,26W	Daviess		x	x	x			B	x		
Kile Cr.	C	1.3	Mouth	28,51N,13W	Boone		x	x	x			B	x		
Kimsey Cr.	P	6.7	30,60N,38W	34,61N,38W	Holt		x	x	x			B	x		
King Br.	C	1.5	Mouth	23,31N,22W	Greene		x	x	x			B	x		
King Br.	C	1.8	35,31N,22W	2,30N,22W	Greene		x	x	x			B	x		
Kings R.	P	1.6	Mouth	State Line	Barry	Stone	x	x	x			A	x		
Kings Valley	P	3.3	Mouth	33,23N,30W	McDonald		x	x	x			B	x		
Kinnemore Ditch	C	13.0	State Line	5,17N,8E	Dunklin		x	x	x			B	x		
Kinsey Creek	C	8.5	Mouth	10,38N,6E	Ste. Genevieve		x	x	x			B	x		
Kinsey Creek tributary	C	0.3	Mouth	33,39N,7E	Ste. Genevieve		x	x	x			B	x		
Kinsey Creek tributary	C	1.4	Mouth	27,39N,7E	Ste. Genevieve		x	x	x			B	x		
Kitten Cr.	C	7.2	Mouth	34,37N,29W	St. Clair	Vernon	x	x	x			B	x		
Klein Branch	C	3.1	Mouth	21,41N,7W	Maries		x	x	x			B	x		
Knob Cr.	C	8.4	Mouth	8,41N,32W	Bates		x	x	x				x		
Knob Cr.	C	2.2	Mouth	30,34N,4E	Iron		x	x	x			B	x		
Knob Creek	C	13.8	Mouth	8,43N,29W	Henry	Cass	x	x	x			B	x		
Knob Creek tributary	C	1.6	Mouth	13,43N,29W	Cass		x	x	x			B	x		
Knobby Cr.	P	1.5	Mouth	34,40N,20W	Benton		x	x	x			B	x		
Knobby Cr.	C	1.0	34,40N,20W	3,39N,20W	Benton		x	x	x			B	x		
Knox Br.	C	1.0	Mouth	33,38N,1E	Washington		x	x	x			B	x		
Koen Cr.	C	1.0	Mouth	5,36N,5E	St. Francois		x	x	x			B	x		
Kolb Br.	C	1.6	Mouth	3,38N,19W	Camden		x	x	x			B	x		
Kraut Run	C	0.3	Mouth	Landgrant01641	St. Charles		x	x	x			B	x		
Kriete Creek	C	2.8	Mouth	15,42N,4W	Franklin		x	x	x			B	x		
Kriete Creek tributary	C	1.0	Mouth	14,42N,4W	Franklin		x	x	x			B	x		
Krone Br.	C	1.1	Mouth	29,40N,10W	Maries		x	x	x			B	x		
Kruze Creek	P	0.1	Mouth	31,41N,2E	Jefferson		x	x	x			B	x		

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Kruze Creek	P	0.3	Mouth	36,41N,3E	Jefferson		x	x	x			B	x		
Kyle Cr.	C	8.4	Mouth	34,31N,28W	Barton	Dade	x	x	x			B	x		
L. Alder Cr.	C	1.6	Mouth	5,35N,27W	Cedar		x	x	x			B	x		
L. Apple Cr.	P	4.6	Mouth	13,33N,11E	Cape Girardeau		x	x	x			B	x		
L. Apple Cr.	C	1.2	13,33N,11E	24,33N,11E	Cape Girardeau		x	x	x			B	x		
L. Bear Cr.	C	1.0	Mouth	2,46N,5W	Montgomery		x	x	x			B	x		
L. Bear Cr.	C	4.0	Mouth	8,48N,3W	Montgomery		x	x	x			B	x		
L. Beaver Cr.	C	3.5	Mouth	8,37N,8W	Phelps		x	x	x			A	x		
L. Beaver Cr.	P	10.4	Mouth	36,26N,18W	Taney	Douglas	x	x	x			A	x		
L. Beaver Cr.	C	4.5	36,26N,18W	17,26N,17W	Douglas		x	x	x			B	x		
L. Berger Cr.	P	5.0	Mouth	17,45N,4W	Franklin	Gasconade	x	x	x			B	x		
L. Berger Cr.	C	1.2	17,45N,4W	19,45N,4W	Gasconade		x	x	x			B	x		
L. Black R.	P	30.2	State Line	31,24N,5E	Ripley	Butler	x	x	x			A	x		
L. Black R.	P	16.0	31,24N,5E	9,24N,3E	Butler	Ripley	x	x	x	x		A	x		
L. Blackwater Cr.	C	6.0	Mouth	36,47N,28W	Johnson		x	x	x			B	x		
L. Blair Cr.	C	2.0	Mouth	6,29N,2W	Shannon		x	x	x			B	x		
L. Blue R.	C	4.3	20,47N,32W	35,47N,33W	Jackson		x	x	x			B	x		
L. Blue R.	P	35.1	Mouth	Longview Dam	Jackson		x	x	x			B	x		
L. Boeuf Cr.	P	0.6	Mouth	2,44N,2W	Franklin		x	x	x			B	x		
L. Boeuf Cr.	C	2.8	2,44N,2W	14,44N,2W	Franklin		x	x	x			B	x		
L. Bonne Femme Cr.	P	9.0	Mouth	1,47N,13W	Boone		x	x	x			B	x		
L. Boone Cr.	C	2.0	Mouth	22,41N,3W	Franklin		x	x	x			B	x		
L. Bottom Cr.	C	0.6	Mouth	31,38N,8E	Ste. Genevieve		x	x	x			B	x		
L. Bourbeuse Cr.	C	9.6	Mouth	20,39N,7W	Phelps	Maries	x	x	x			B	x		
L. Bourbeuse R.	P	13.4	Mouth	26,40N,4W	Franklin	Crawford	x	x	x			B	x		
L. Bourbeuse R.	C	3.0	26,40N,4W	3,39N,4W	Crawford		x	x	x			B	x		
L. Brazil Cr.	P	2.1	Mouth	18,38N,1W	Washington		x	x	x			B	x		
L. Brazil Cr.	C	1.0	18,38N,1W	19,38N,1W	Washington		x	x	x			B	x		
L. Brush Cr.	C	7.0	Mouth	10,59N,17W	Macon		x	x	x			B	x		
L. Brushy Cr.	C	2.0	Mouth	18,27N,4E	Wayne		x	x	x			B	x		
L. Buffalo Cr.	P	5.6	Mouth	11,41N,19W	Morgan		x	x	x			B	x		
L. Calumet Cr.	P	1.4	Mouth	2,53N,1W	Pike		x	x	x			B	x		
L. Calumet Cr.	C	1.4	2,53N,1W	10,53N,1W	Pike		x	x	x			B	x		
L. Calvey Cr.	C	1.0	Mouth	9,42N,2E	Franklin		x	x	x			B	x		
L. Cane Cr.	C	3.4	State Line	26,22N,5E	Butler		x	x	x			B	x		
L. Chariton R.	P	12.9	Mouth	5,52N,17W	Chariton		x	x	x			B	x		
L. Clear Cr.	C	1.3	Mouth	8,34N,30W	Vernon		x	x	x			B	x		
L. Clear Cr.	C	5.0	Mouth	1,36N,28W	St. Clair		x	x	x			B	x		
L. Coon Cr.	C	4.0	Mouth	6,30N,29W	Barton		x	x	x			B	x		
L. Courtois Cr.	P	2.0	Mouth	2,39N,1W	Washington		x	x	x			B	x		
L. Courtois Cr.	C	2.0	2,39N,1W	15,39N,1W	Washington		x	x	x			B	x		
L. Crane Cr.	C	6.0	Mouth	4,25N,25W	Stone	Barry	x	x	x			B	x		
L. Crooked Cr.	C	4.7	Mouth	20,57N,11W	Shelby		x	x	x			B	x		
L. Crooked Cr.	P	3.2	Mouth	33,31N,9E	Bollinger		x	x	x			A	x		
L. Crooked Cr.	C	2.7	33,31N,9E	32,31N,9E	Bollinger		x	x	x			B	x		
L. Dardenne Cr.	C	7.4	Mouth	10,46N,1E	St. Charles		x	x	x			B	x		

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L. Deer Cr.	C	9.0	Mouth	01,38N,21W	Benton		x	x	x				x		
L. Deer Cr.	C	3.7	Mouth	31,42N,30W	Bates		x	x	x				B	x	
L. Dry Fk.	P	5.2	Mouth	17,37N,7W	Phelps		x	x	x				B	x	
L. Dry Fk.	C	4.7	17,37N,7W	5,36N,7W	Phelps		x	x	x				B	x	
L. Dry Wood Cr.	P	20.5	Mouth	12,34N,32W	Vernon		x	x	x				B	x	
L. Dry Wood Cr.	C	15.6	12,34N,32W	20,33N,31W	Vernon	Barton	x	x	x				B	x	
L. E. Fk. Locust Cr.	C	8.8	Mouth	30,62N,19W	Sullivan		x	x	x				B	x	
L. Fabius R.	C	36.4	Mouth	17,61N,12W	Knox		x	x	x				B	x	
L. Finley Cr.	P	5.5	Mouth	5,28N,17W	Webster		x	x	x				B	x	
L. Flat Cr.	P	3.9	Mouth	25,25N,27W	Barry		x	x	x			x	A	x	
L. Flat Cr.	C	2.7	25,25N,27W	34,25N,27W	Barry		x	x	x				B	x	
L. Flora Cr.	P	3.4	Mouth	Sur 2201,31N,14E	Cape Girardeau		x	x	x				B	x	
L. Fourche a Renault Cr.	P	1.0	Mouth	26,38N,1E	Washington		x	x	x				B	x	
L. Fourche a Renault Cr.	C	2.8	26,38N,1E	2,37N,1E	Washington		x	x	x				B	x	
L. Fox Cr.	P	0.7	Mouth	31,44N,03E	St. Louis		x	x	x				B	x	
L. Fox R.	P	19.8	Mouth	34,67N,10W	Clark	Scotland	x	x	x				B	x	
L. Fox R.	C	3.7	34,67N,10W	19,67N,10W	Scotland		x	x	x				B	x	
L. Gravois Cr.	P	4.2	Mouth	1,40N,16W	Miller		x	x	x				A	x	
L. Gravois Cr.	C	3.0	1,40N,16W	30,41N,15W	Miller		x	x	x				B	x	
L. Gravois Cr.	P	4.0	Mouth	21,42N,17W	Morgan		x	x	x				A	x	
L. Hazel Cr.	P	1.5	Mouth	29,36N,1E	Washington		x	x	x				B	x	
L. Hazel Cr.	C	0.5	29,36N,1E	32,36N,1E	Washington		x	x	x				B	x	
L. Hogles Cr.	P	1.2	Mouth	09,39N,23W	Benton		x	x	x				B	x	
L. Hogles Cr.	C	1.7	09,39N,23W	16,39N,23W	Benton		x	x	x				B	x	
L. Horseshoe Cr.	C	5.1	Mouth	11,48N,29W	Jackson	Lafayette	x	x	x				x		
L. Hunting Slough	C	5.0	Mouth	14,22N,6E	Butler		x	x	x				B	x	
L. Hurricane Cr.	C	4.0	Mouth	7,24N,3W	Oregon		x	x	x				B	x	
L. Hurricane Cr.	C	1.6	Mouth	1,54N,22W	Carroll		x	x	x				B	x	
L. Indian Cr.	P	2.7	Mouth	19,32N,14E	Cape Girardeau		x	x	x				B	x	
L. Indian Cr.	C	2.0	19,32N,14E	25,32N,13E	Cape Girardeau		x	x	x				B	x	
L. Indian Cr.	P	8.7	Mouth	30,40N,2E	Franklin	Washington	x	x	x				B	x	
L. Indian Cr.	C	1.0	30,40N,2E	31,40N,2E	Washington		x	x	x				B	x	
L. Lake Cr.	C	5.1	Mouth	31,29N,5E	Wayne		x	x	x				B	x	
L. Lead Cr.	C	4.0	27,50N,2W	20,50N,2W	Lincoln		x	x	x				B	x	
L. Lindley Cr.	C	3.7	Mouth	15,34N,20W	Dallas		x	x	x				B	x	
L. Lost Cr.	C	1.5	Mouth	18,46N,3W	Warren		x	x	x				B	x	
L. Lost Cr.	P	1.7	Mouth	26,37N,1W	Washington		x	x	x				B	x	
L. Lost Cr.	P	5.8	Mouth	28,25N,33W	Newton		x	x	x				B	x	
L. Loutre Cr.	C	10.3	Mouth	5,49N,6W	Montgomery		x	x	x				B	x	
L. Maries Cr.	P	8.5	Mouth	24,42N,11W	Osage		x	x	x	x			B	x	
L. Maries Cr.	C	1.0	24,42N,11W	23,42N,11W	Osage		x	x	x				B	x	
L. Maries R.	P	6.9	Mouth	12,40N,11W	Maries		x	x	x				B	x	
L. Maries R.	C	12.3	12,40N,11W	28,39N,11W	Maries		x	x	x				B	x	
L. Medicine Cr.	P	39.8	Mouth	State Line	Grundy	Mercer	x	x	x				B	x	
L. Meramec R.	P	3.5	Mouth	7,41N,2E	Franklin		x	x	x				B	x	
L. Meramec R.	P	2.0	7,41N,2E	8,41N,2E	Franklin		x	x	x				B	x	
L. Meramec R.	C	1.2	8,41N,2E	16,41N,2E	Franklin		x	x	x				B	x	

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
L. Mill Cr.	P	5.9	Mouth	33,38N,21W	Hickory		x	x	x			B	x		
L. Monegaw Cr.	C	9.0	Mouth	36,39N,27W	St. Clair		x	x	x			B	x		
L. Moniteau Cr.	P	3.3	Mouth	3,45N,14W	Moniteau		x	x	x			A	x		
L. Moniteau Cr.	C	5.1	3,45N,14W	18,45N,14W	Moniteau		x	x	x			B	x		
L. Muddy Cr.	P	2.0	Mouth	Sur 2219,32,10E	Cape Girardeau	Bollinger	x	x	x			B	x		
L. Muddy Cr.	C	6.8	Sur 2219,32N,10E	Sur 3144,33N,10E	Bollinger		x	x	x			B	x		
L. Muddy Cr.	C	4.1	Mouth	17,60N,27W	Daviess		x	x	x			B	x		
L. Muddy Cr.	C	7.1	Mouth	State Line	Mercer		x	x	x			B	x		
L. Muddy Cr.	C	7.5	Mouth	18,46N,22W	Pettis		x	x	x			B	x		
L. Mussel Cr.	C	4.4	Mouth	17,61N,17W	Adair		x	x	x			B	x		
L. N. Fk. White R.	P	8.9	Mouth	36,24N,16W	Ozark		x	x	x	x		B	x		
L. N. Fk. White R.	C	6.9	36,24N,16W	3,24N,16W	Ozark		x	x	x	x		B	x		
L. N. Fork	C	15.1	Mouth	30,31N,32W	Jasper	Barton	x	x	x			B	x		
L. Niangua R.	P	43.8	Mouth	26,36N,19W	Camden	Dallas	x	x	x	x		A	x		
L. Niangua R.	C	8.0	26,36N,19W	20,35N,19W	Dallas		x	x	x			A	x		
L. No Cr.	C	4.9	Mouth	30,63N,22W	Grundy		x	x	x			B	x		
L. Noix Cr.	C	1.7	Mouth	28,54N,2W	Pike		x	x	x				x		
L. Osage R.	P	18.0	Mouth	18,37N,31W	Vernon		x	x	x			B	x		
L. Osage R.	C	23.6	18,37N,31W	18,37N,33W	Vernon		x	x	x			B	x		
L. Otter Cr.	C	6.2	Mouth	6,55N,11W	Monroe		x	x	x			B	x		
L. Otter Cr.	C	3.0	Mouth	4,56N,27W	Caldwell		x	x	x			B	x		
L. Paddy Cr.	C	3.5	Mouth	36,33N,11W	Texas		x	x	x			B	x		
L. Pike Cr.	C	1.6	Mouth	3,26N,2W	Carter		x	x	x			B	x		
L. Piney Cr.	P	7.2	Mouth	25,37N,9W	Phelps		x	x	x	x		A	x		
L. Piney Cr.	P	13.5	25,37N,9W	4,35N,8W	Phelps		x	x	x		x	A	x		
L. Piney Cr.	C	5.4	4,35N,8W	21,35N,8W	Phelps		x	x	x		x	B	x		
L. Piney Cr.	C	1.9	Mouth	12,33N,12W	Texas		x	x	x			B	x		
L. Pomme de Terre R.	C	5.0	15,38N,23W	3,37N,23W	Benton	Hickory	x	x	x	x		A	x		
L. Pomme de Terre R.	C	6.0	Mouth	25,31N,21W	Polk	Greene	x	x	x			B	x		
L. Pomme de Terre R.	P	15.8	Mouth	15,38N,23W	Benton	Hickory	x	x	x			A	x		
L. Profits Cr.	P	1.7	Mouth	30,42N,11W	Osage		x	x	x			B	x		
L. Profits Cr.	C	0.5	30,42N,11W	30,42N,11W	Osage		x	x	x			B	x		
L. Ramsey Cr.	C	1.0	Mouth	16,52N,1E	Pike		x	x	x			B	x		
L. Richland Cr.	C	5.5	Mouth	12,44N,18W	Morgan		x	x	x			A	x		
L. Rock Cr.	C	2.3	Mouth	8,32N,5E	Madison		x	x	x			B	x		
L. Rocky Cr.	P	0.7	Mouth	12,28N,3W	Shannon		x	x	x			B	x		
L. Rocky Cr.	C	0.5	12,28N,3W	1,28N,3W	Shannon		x	x	x			B	x		
L. Sac R.	P	37.0	Mouth	McDaniel Lk. Dam	Polk	Greene	x	x	x	x		A	x		
L. Sac R.	P	1.3	Mouth	17,30N,21W	Greene		x	x	x			B	x		
L. Sac R.	C	2.2	17,30N,21W	Fellows Lake Dam	Greene		x	x	x			B	x		
L. Sac R.	C	2.3	Mouth	21,30N,20W	Greene		x	x	x			B	x		
L. Saline Cr.	P	5.4	Mouth	29,41N,14W	Miller		x	x	x			B	x		
L. Saline Cr.	P	10.3	Mouth	24,36N,8E	Ste. Genevieve		x	x	x			B	x		
L. Sandy Cr.	C	6.0	Mouth	9,51N,1W	Lincoln		x	x	x			B	x		
L. Shaver Cr.	C	4.5	Mouth	04,45N,20W	Pettis		x	x	x			B	x		
L. Shawnee Cr.	P	2.0	Mouth	29,29N,3W	Shannon		x	x	x			B	x		
L. Shawnee Cr.	C	2.0	29,29N,3W	4,28N,3W	Shannon		x	x	x			B	x		

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
L. Shoal Cr.	P	1.9	Mouth	13,36N,2W	Crawford		x	x	x			A	x		
L. Shoal Cr.	C	1.7	13,36N,2W	24,36N,2W	Crawford		x	x	x			B	x		
L. Shoal Cr.	C	3.3	Mouth	24,51N,32W	Clay		x	x	x			B	x		
L. Shoal Cr.	C	8.7	Mouth	4,66N,16W	Putnam		x	x	x			B	x		
L. Sinking Cr.	P	4.0	Mouth	26,32N,3W	Shannon	Dent	x	x	x			B	x		
L. Sinking Cr.	C	1.0	26,32N,3W	23,32N,3W	Dent		x	x	x			B	x		
L. Sni-a-bar Cr.	P	6.7	Mouth	30,50N,27W	Lafayette		x	x	x			B	x		
L. Sni-a-bar Cr.	C	7.5	30,50N,27W	16,49N,27W	Lafayette		x	x	x			B	x		
L. Splice Cr.	P	1.7	Mouth	16,47N,14W	Moniteau		x	x	x			B	x		
L. Splice Cr.	C	2.3	16,47N,14W	20,47N,14W	Moniteau		x	x	x			B	x		
L. Sugar Cr.	C	4.0	Mouth	10,49N,1E	Lincoln		x	x	x			B	x		
L. Sugar Cr.	P	13.2	Mouth	State Line	McDonald		x	x	x	x		A	x		
L. Tabo Cr.	C	9.2	Mouth	3,50N,25W	Lafayette		x	x	x			B	x		
L. Tarkio Cr.	P	17.7	Mouth	19,63N,39W	Holt		x	x	x			B	x		
L. Tarkio Cr.	C	15.4	30,63N,39W	13,65N,39W	Atchison		x	x	x			B	x		
L. Tarkio Ditch	P	6.6	Mouth	36,61N,39W	Holt		x	x	x			B	x		
L. Taum Sauk Cr.	C	2.3	Mouth	25,33N,2E	Reynolds		x	x	x			B	x		
L. Tavern Cr.	C	4.0	Mouth	33,42N,13W	Miller	Cole	x	x	x	x		A	x		
L. Tavern Cr.	P	1.5	33,39N,12W	34,39N,12W	Miller		x	x	x			B	x		
L. Tavern Cr.	C	1.5	34,39N,12W	10,38N,12W	Miller		x	x	x			B	x		
L. Tavern Cr.	P	11.2	Mouth	5,39N,11W	Miller	Maries	x	x	x			A	x		
L. Tavern Cr.	C	1.0	Mouth	11,44N,2E	Franklin		x	x	x			B	x		
L. Tavern Cr.	C	2.7	05,39N,11W	07,39N,11W	Maries		x	x	x			B	x		
L. Tavern Cr.	C	1.0	Mouth	36,46N,7W	Callaway		x	x	x			B	x		
L. Tebo Cr.	C	6.0	Mouth	20,42N,22W	Benton		x	x	x			A	x		
L. Third Cr.	C	4.6	Mouth	23,42N,7W	Osage		x	x	x			B	x		
L. Third Fk. Platte R.	C	26.0	Mouth	27,60N,32W	DeKalb		x	x	x			B	x		
L. Turkey Cr.	C	2.3	Mouth	36,40N,22W	Benton		x	x	x			B	x		
L. Walnut Cr.	C	2.3	18,60N,16W	14,60N,17W	Macon		x	x	x			B	x		
L. Walnut Cr.	C	2.8	Mouth	26,47N,24W	Johnson		x	x	x			B	x		
L. Weaubleau Cr.	P	5.9	Mouth	09,36N,23W	St. Clair	Hickory	x	x	x	x		B	x		
L. Weaubleau Cr.	C	3.3	9,36N,23W	12,36N,23W	St. Clair	Hickory	x	x	x			A	x		
L. Wilson Cr.	P	2.9	Mouth	25,32N,21W	Polk		x	x	x			B	x		
L. Wilson Cr.	C	2.3	25,32N,21W	32,32N,20W	Dallas		x	x	x			B	x		
L. Wyaconda R.	P	7.4	Mouth	34,64N,8W	Clark		x	x	x			B	x		
L. Wyaconda R.	C	7.5	34,64N,8W	25,64N,9W	Clark		x	x	x			B	x		
La Barque Cr.	P	4.5	Mouth	32,43N,3E	Jefferson		x	x	x			B	x		
Labadie Cr.	P	5.0	Mouth	31,44N,2E	Franklin		x	x	x			B	x		
Labadie Cr.	C	0.8	Mouth	36,44N,1E	Franklin		x	x	x			B	x		
Ladies Br.	C	7.8	Mouth	24,37N,30W	Vernon		x	x	x			B	x		
Lake Cr.	C	10.2	12,44N,20W	17,43N,20W	Pettis	Benton	x	x	x	x		B	x		
Lake Cr.	C	5.7	Mouth	20,54N,19W	Chariton		x	x	x			B	x		
Lake Cr.	C	3.3	Mouth	29,58N,25W	Livingston		x	x	x			B	x		
Lake Cr.	P	5.4	Mouth	12,44N,20W	Pettis		x	x	x	x		B	x		
Lake Cr.	C	6.6	Mouth	34,58N,25W	Livingston		x	x	x			B	x		
Lake Ditch	C	1.8	Mouth	01,42N,09W	Osage		x	x	x			B	x		
Lake of the Ozarks tributary	C	0.3	14,40N,22W	14,40N,22W	Benton		x	x	x			B	x		

IRR-Irrigation
LWP-Livestock & Wildlife Protection
WWH-Protection of Warm Water Habitat
and Human Health Protection (HHP)

CLH-Cool Water Habitat
CDH-Cold Water Habitat
WBC-Whole Body Contact Recreation

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
IND-Industrial Water Supply

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Lake of the Ozarks tributary	C	0.5	22,40N,22W	14,40N,22W	Benton		x	x	x			B	x		
Lake of the Ozarks tributary	C	0.3	Mouth	22,40N,22W	Benton		x	x	x			B	x		
Lake Slough	C	9.3	3,23N,7E	31,25N,8E	Butler		x	x	x			B	x		
Lamine R.	P	64.0	Mouth	13,45N,19W	Cooper	Morgan	x	x	x			A	x		
Landing Cr.	C	1.0	Mouth	16,42N,12W	Cole		x	x	x			B	x		
Landon Br.	C	3.0	Mouth	5,34N,31W	Vernon		x	x	x			B	x		
Lanes Fk.	C	2.8	Mouth	32,39N,7W	Maries		x	x	x			B	x		
Langejammer Cr.	C	1.5	Mouth	30,43N,4W	Gasconade		x	x	x			B	x		
Larry Cr.	C	1.2	Mouth	2,59N,28W	Daviess		x	x	x			B	x		
Lateral #2	C	2.4	Mouth	8,18N,12E	Pemiscot		x	x	x			B	x		
Lateral #2 Main Ditch	P	11.5	24,23N,10E	25,25N,10E	Stoddard		x	x	x			B	x		
Lateral #2 Main Ditch	C	4.1	25,25N,10E	6,25N,11E	Stoddard		x	x	x			B	x		
Lateral #27	P	6.0	29,16N,9E	30,16N,10E	Dunklin		x	x	x			B	x		
Lateral #27	C	3.3	Mouth	32,20N,13E	Pemiscot		x	x	x			B	x		
Lateral #4	C	3.2	Mouth	21,27N,14E	Scott		x	x	x			B	x		
Lateral Ditch	C	2.0	Mouth	32,22N,8E	Butler		x	x	x			B	x		
Lateral Ditch	C	5.8	Mouth	3,22N,7E	Butler		x	x	x			B	x		
Lateral Ditch #1	C	4.0	Mouth	19,23N,10E	Dunklin		x	x	x			B	x		
Lateral Ditch #2	C	2.4	Mouth	9,22N,10E	Dunklin		x	x	x				x		
Lateral Ditch #37	C	4.3	Mouth	20,22N,8E	Butler		x	x	x			B	x		
Laurie Hollow	C	1.4	Mouth	18,39N,17W	Camden		x	x	x				x		
Lead Cr.	P	1.0	Mouth	7,49N,1W	Lincoln		x	x	x			B	x		
Lead Cr.	C	7.5	7,49N,1W	27,50N,2W	Lincoln		x	x	x			B	x		
Leatherwood Cr.	P	1.7	Mouth	9,31N,5E	Madison		x	x	x			B	x		
Leatherwood Cr.	C	2.5	9,31N,5E	6,31N,5E	Madison		x	x	x			B	x		
Lee Hollow	C	1.0	Mouth	27,26N,7W	Howell		x	x	x			B	x		
Lee Rowe Ditch	C	6.0	30,24N,16E	30,25N,16E	Mississippi		x	x	x			B	x		
Leeper Cr.	C	8.4	Mouth	21,58N,23W	Livingston		x	x	x			B	x		
Lewis Slough	C	2.0	Mouth	32,67N,42W	Atchison		x	x	x			B	x		
Lick Br.	C	1.5	Mouth	2,24N,10W	Howell		x	x	x			B	x		
Lick Br.	C	6.6	Mouth	19,43N,29W	Cass		x	x	x			B	x		
Lick Br.	C	1.8	Mouth	27,29N,3E	Wayne		x	x	x			B	x		
Lick Cr.	C	5.5	Mouth	9,53N,7W	Ralls		x	x	x			B	x		
Lick Cr.	P	2.0	Mouth	2,38N,4W	Crawford		x	x	x			B	x		
Lick Cr.	C	2.5	2,38N,4W	27,39N,4W	Crawford		x	x	x			B	x		
Lick Cr.	C	1.0	Mouth	32,22N,16W	Ozark		x	x	x			B	x		
Lick Cr.	P	6.8	25,22N,13W	19,22N,13W	Ozark		x	x	x			B	x		
Lick Cr.	C	6.1	19,22N,13W	30,23N,13W	Ozark		x	x	x			B	x		
Lick Cr.	C	4.2	Mouth	6,27N,8E	Wayne		x	x	x			B	x		
Lick Cr.	P	3.4	Mouth	25,22N,13W	Ozark		x	x	x			A	x		
Lick Cr. Ditch	C	16.2	33,25N,9E	15,26N,10E	Stoddard		x	x	x			B	x		
Lick Fk.	C	8.9	Mouth	02,50N,27W	Lafayette		x	x	x			B	x		
Lick Fk.	C	10.1	Mouth	15,51N,13W	Boone		x	x	x			B	x		
Lick Fk.	P	5.7	Mouth	30,58N,26W	Daviess		x	x	x			B	x		
Lick Fk.	C	9.8	30,58N,26W	7,57N,27W	Daviess	Caldwell	x	x	x			B	x		
Lick Fk.	C	1.9	Mouth	2,50N,15W	Howard		x	x	x			B	x		

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Lick Fk.	C	0.5	Mouth	20,44N,16W	Moniteau		x	x	x			B	x		
Lick Log Cr.	P	1.6	Mouth	32,29N,8E	Bollinger		x	x	x			B	x		
Lick Log Cr.	C	1.2	32,29N,8E	31,29N,8E	Bollinger		x	x	x			B	x		
Ligett Cr.	C	1.0	Mouth	9,26N,5E	Butler		x	x	x			B	x		
Limestone Cr.	P	8.4	Mouth	24,30N,27W	Dade		x	x	x	x		A	x		
Lincoln Cr.	C	7.4	Mouth	14,60N,36W	Andrew		x	x	x			B	x		
Lindley Cr.	C	2.4	20,34N,20W	32,34N,20W	Dallas		x	x	x				x		
Lindley Creek	P	24.1	Mouth	20,34N,20W	Hickory	Dallas	x	x	x			B	x		
Line Cr.	C	7.0	Mouth	Lake Waukomis	Platte		x	x	x			B	x		
Liner Cr.	C	1.4	Mouth	9,21N,12W	Ozark		x	x	x			B	x		
Linn Cr.	C	2.3	Mouth	31,66N,8W	Clark		x	x	x				x		
Linn Cr.	C	6.0	Mouth	7,43N,8W	Osage		x	x	x			B	x		
Little Bear Creek	C	1.2	Mouth	25,40N,15W	Miller		x	x	x				x		
Little Cedar Creek	C	15.2	Mouth	8,49N,11W	Boone		x	x	x			B	x		
Little Cr.	C	1.2	Mouth	25,51N,12W	Boone		x	x	x			B	x		
Little Cr.	C	1.5	Mouth	3,40N,5E	Jefferson		x	x	x			B	x		
Little Cr.	C	5.0	Mouth	17,24N,15W	Ozark		x	x	x			B	x		
Little Cr.	C	2.5	Mouth	36,22N,14W	Ozark		x	x	x			B	x		
Little Cr.	C	8.0	Mouth	1,25N,8W	Howell		x	x	x			B	x		
Little Cr.	C	4.0	Mouth	26,32N,4W	Shannon	Dent	x	x	x			B	x		
Little Cr.	C	2.7	Mouth	19,34N,1W	Iron		x	x	x			B	x		
Little Cr.	C	1.0	Mouth	12,32N,3E	Iron		x	x	x			B	x		
Little Cr.	P	3.1	Mouth	35,28N,6E	Wayne		x	x	x			B	x		
Little Cr.	C	2.7	Mouth	3,42N,3W	Franklin		x	x	x				x		
Little Cr.	C	11.3	Mouth	31,65N,28W	Harrison		x	x	x			B	x		
Little Cr.	C	3.5	Mouth	11,46N,28W	Johnson		x	x	x			B	x		
Little Cr.	P	2.7	Mouth	8,30N,7E	Wayne		x	x	x			B	x		
Little Maries River tributary	C	0.6	Mouth	29,39N,11W	Maries		x	x	x			B	x		
Little Platte River	P	13.3	Mouth	13,53N,33W	Platte	Clay	x	x	x			B	x		
Little Platte River	C	27.2	26,55N,32W	28,57N,31W	Clinton		x	x	x			A	x		
Little R.	P	8.0	Mouth	State Line	Mercer		x	x	x			B	x		
Little Saint Francis River	P	13.4	Landgrant03086	Landgrant02048	Madison	St. Francois	x	x	x	x		A	x	x	
Little Saint Francis River	P	17.9	Mouth	6,33N,7E	Madison	St. Francois	x	x	x	x		A	x	x	
Little Saint Francis River	C	3.3	32,35N,7E	34,35N,7E	Madison	St. Francois	x	x	x			B	x		
Little Whitewater Creek	P	24.2	Mouth	16,33N,9E	Cape Girardeau	Bollinger	x	x	x			A	x		
Little Whitewater Creek	C	1.4	Mouth	8,33N,9E	Bollinger		x	x	x			B	x		
Little Whitewater Creek tributary	C	2.2	16,33N,9E	18,33N,9E	Bollinger		x	x	x			B	x		
Little Whitewater Creek tributary	C	3.1	Mouth	19,33N,9E	Bollinger		x	x	x			B	x		
Littleby Cr.	C	16.0	Mouth	24,51N,8W	Audrain		x	x	x			B	x		
Locust Cr.	P	91.7	Mouth	State Line	Chariton	Putnam	x	x	x			B	x	x	
Log Cr.	C	8.8	Mouth	6,55N,28W	Caldwell		x	x	x			B	x		
Logan Cr.	P	7.2	Mouth	36,23N,3E	Ripley		x	x	x			B	x		
Logan Cr.	C	7.5	36,23N,3E	9,23N,3E	Ripley		x	x	x			B	x		
Logan Cr.	P	36.0	27,29N,2E	26,31N,2W	Reynolds		x	x	x			A	x		
Logan Cr.	C	5.8	Mouth	30,46N,7W	Callaway		x	x	x			A	x		

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Logan Cr.	C	3.4	Mouth	19,44N,13W	Cole		x	x	x			B	x		
Long Br.	C	1.5	Mouth	25,44N,2W	Franklin		x	x	x			B	x		
Long Br.	P	5.5	Mouth	06,45N,23W	Pettis	Johnson	x	x	x			B	x		
Long Br.	C	3.0	Mouth	29,66N,38W	Atchison		x	x	x			B	x		
Long Br.	C	3.0	Mouth	28,37N,19W	Camden		x	x	x			B	x		
Long Br.	P	6.3	Mouth	6,62N,34W	Nodaway		x	x	x			B	x		
Long Br.	C	15.0	6,62N,34W	8,64N,34W	Nodaway		x	x	x			B	x		
Long Br.	C	1.5	Mouth	27,45N,25W	Johnson		x	x	x			B	x		
Long Br.	C	2.1	Mouth	24,40N,11W	Maries		x	x	x			B	x		
Long Br.	C	5.7	Mouth	19,62N,31W	Gentry		x	x	x			B	x		
Long Br.	C	14.5	Mouth	11,59N,20W	Linn		x	x	x			B	x	x	
Long Br.	C	8.8	Mouth	18,55N,18W	Chariton		x	x	x			B	x		
Long Br.	C	6.0	06,45N,23W	09,45N,24W	Pettis	Johnson	x	x	x			B	x		
Long Branch	C	56.7	Mouth	17,51N,11W	Monroe	Boone	x	x	x			B	x		
Long Branch Cr.	C	14.8	18,58N,14W	19,60N,14W	Macon		x	x	x			B	x		
Long Cr.	C	2.3	Mouth	16,40N,08W	Maries		x	x	x			B	x		
Long Cr.	C	3.3	Mouth	4,55N,28W	Caldwell		x	x	x			B	x		
Long Cr.	C	5.0	Mouth	26,54N,18W	Chariton		x	x	x			B	x		
Long Gravel Br.	P	1.0	Mouth	5,33N,5E	Madison		x	x	x			B	x		
Long Grove Br.	C	3.2	31,48N,20W	07,47N,20W	Pettis		x	x	x			B	x		
Long Grove Br.	P	0.9	Mouth	31,48N,20W	Pettis		x	x	x			B	x		
Long Run	C	1.9	Mouth	27,23N,16W	Ozark		x	x	x			B	x		
Longan Br.	C	2.3	26,41N,16W	14,41N,16W	Miller		x	x	x			B	x		
Longs Cr.	C	1.0	Mouth	Sur 768,33N,9E	Bollinger		x	x	x			B	x		
Loose Cr.	C	8.5	16,44N,9W	10,43N,9W	Osage		x	x	x			B	x		
Loose Cr.	P	9.5	Mouth	16,44N,9W	Osage		x	x	x			B	x		
Lost Camp Cr.	C	5.3	Mouth	20,26N,8W	Howell		x	x	x			B	x		
Lost Cr.	P	6.4	Mouth	15,46N,3W	Warren		x	x	x	x		B	x		
Lost Cr.	C	3.8	15,46N,3W	2,46N,3W	Warren		x	x	x			B	x		
Lost Cr.	P	8.3	Mouth	19,37N,1E	Crawford	Washington	x	x	x			B	x		
Lost Cr.	C	3.0	19,37N,1E	29,37N,1E	Washington		x	x	x			B	x		
Lost Cr.	P	1.0	Mouth	5,35N,3E	Washington		x	x	x			B	x		
Lost Cr.	C	2.5	5,35N,3E	9,35N,3E	Washington		x	x	x			B	x		
Lost Cr.	P	8.5	State Line	14,25N,33W	Newton		x	x	x	x		A	x		
Lost Cr.	C	25.2	Mouth	King Lake	DeKalb		x	x	x			B	x		
Lost Cr.	C	5.5	15,64N,16W	5,64N,15W	Schuylerville		x	x	x			B	x		
Lost Cr.	C	1.8	Mouth	36,61N,32W	DeKalb	Gentry	x	x	x			B	x		
Lottie Hollow	C	1.0	Mouth	35,24N,12W	Ozark		x	x	x			B	x		
Lotts Cr.	C	9.7	Mouth	8,66N,29W	Worth	Harrison	x	x	x			B	x		
Loutre Cr.	C	4.5	Mouth	30,46N,4W	Warren		x	x	x			B	x		
Loutre R.	P	39.4	Mouth	5,48N,6W	Montgomery		x	x	x			B	x		
Loutre R.	C	15.1	5,48N,6W	36,50N,8W	Montgomery	Audrain	x	x	x			B	x		
Loutre Slough	P1	5.5	Mouth	19,46N,4W	Warren		x	x	x			B	x		
Lovejoy Cr.	P	1.0	Mouth	Sur 2246,33N,14E	Cape Girardeau		x	x	x			B	x		
Lovejoy Cr.	C	1.5	Sur 2246,33N,14E	24,33N,13E	Cape Girardeau		x	x	x			B	x		
Lower Peavine Cr.	C	1.0	Mouth	11,40N,7W	Maries		x	x	x			B	x		

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Lower Rock Cr.	C	3.5	Mouth	32,33N,5E	Madison		x	x	x			B	x		
Ludecker Hollow	C	2.0	Mouth	4,23N,14W	Ozark		x	x	x			B	x		
Lumpkin Cr.	C	0.5	Mouth	29,47N,32W	Jackson		x	x	x			B	x		
Luther Branch	C	2.8	Mouth	30,38N,6W	Phelps		x	x	x			B	x		
Luther Branch tributary	C	1.4	Mouth	30,38N,6W	Phelps		x	x	x			B	x		
Luystown Cr.	C	2.0	Mouth	16,44N,8W	Osage		x	x	x			B	x		
Luzon Br.	C	1.0	13,44N,10W	24,44N,10W	Osage		x	x	x			B	x		
Luzon Br.	P	0.7	Mouth	13,44N,10W	Osage		x	x	x			B	x		
Lyman Cr.	C	1.0	Mouth	30,40N,3W	Crawford		x	x	x	x	x	A	x		
M. Fk. Fourche a Renault Cr.	C	1.8	Mouth	25,37N,1E	Washington		x	x	x			B	x		
M. Fk. L. Chariton R.	C	17.6	Mouth	3,58N,15W	Macon		x	x	x			B	x		
M. Fk. Little Chariton R.	P	31.5	Mouth	24,55N,16W	Chariton	Randolph	x	x	x			B	x	x	
M. Fk. Salt R.	P	58.1	Mouth	16,56N,13W	Monroe	Macon	x	x	x			B	x	x	
M. Fk. Salt R.	C	25.4	16,56N,13W	23,59N,14W	Macon		x	x	x			B	x		
Mace Cr.	C	5.8	Mouth	25,59N,36W	Andrew		x	x	x			B	x		
Macks Cr.	P	8.7	Mouth	12,37,19W	Camden		x	x	x			B	x		
Macks Cr.	C	2.8	12,37N,19W	23,37N,19W	Camden		x	x	x				x		
Madden Cr.	C	4.5	Mouth	29,36N,8E	Ste. Genevieve		x	x	x			B	x		
Maddin Cr.	C	1.9	Mouth	35,39N,3E	Washington		x	x	x			B	x		
Maddox Br.	C	2.8	35,48N,9W	23,48N,9W	Callaway		x	x	x			B	x		
Mag Cr.	C	0.1	Mouth	26,40N,10W	Maries		x	x	x			B	x		
Mahans Cr.	P	4.3	Mouth	9,28N,4W	Shannon		x	x	x	x	x	B	x		
Mahans Cr.	C	4.4	9,28N,4W	28,28N,04W	Shannon		x	x	x			B	x		
Main Ditch	C	13.0	18,22N,6E	15,24N,6E	Butler		x	x	x			B	x		
Main Ditch	P	11.9	14,16N,10E	30,18N,11E	Pemiscot		x	x	x			B	x		
Main Ditch	P	23.2	8,19N,10E	19,23N,10E	Dunklin		x	x	x			B	x		
Main Ditch	C	6.0	19,23N,10E	20,24N,10E	Dunklin	Stoddard	x	x	x			B	x		
Main Ditch #36	C	1.8	21,19N,10E	9,19N,10E	Dunklin		x	x	x			B	x		
Main Ditch #8	P	18.3	27,18N,10E	3,19N,12E	Pemiscot		x	x	x			B	x		
Main Ditch #8	C	11.5	3,19N,12E	18,20N,14E	Pemiscot		x	x	x				x		
Malaruni Cr.	C	1.5	Mouth	19,56N,3W	Ralls		x	x	x			B	x		
Maline Creek	C	7.2	Landgrant00003	Landgrant02476	St. Louis City	St. Louis	x	x	x			B	x		
Maline Creek	C	0.5	Mouth	Landgrant00003	St. Louis City		x	x	x				x		
Malone Cr.	P	6.9	Mouth	34,30N,10E	Bollinger		x	x	x			B	x		
Malone Cr.	C	2.3	34,30N,10E	28,30N,10E	Bollinger		x	x	x			B	x		
Mammoth Cr.	P	0.7	Mouth	11,39N,03E	Jefferson		x	x	x			B	x		
Manacle Cr.	C	2.4	Mouth	35,49N,11W	Callaway		x	x	x			B	x		
Maple Slough	C	18.2	Mouth	11,26N,15E	New Madrid	Mississippi	x	x	x			B	x		
Marais des Cygnes R.	P	48.8	Mouth	State Line	Bates		x	x	x			A	x	x	
Marble Cr.	P	14.7	Mouth	28,33N,4E	Madison	Iron	x	x	x	x	x	B	x		
Marble Cr.	C	1.0	28,33N,4E	20,33N,4E	Iron		x	x	x			B	x		
Maries R.	P	44.0	Mouth	24,40N,10W	Osage	Maries	x	x	x	x	x	A	x		
Maries R.	C	18.1	24,40N,10W	13,38N,11W	Maries		x	x	x			B	x		
Marlin Cr.	C	3.4	34,48N,20W	04,47N,20W	Pettis		x	x	x			B	x		
Marlin Cr.	P	3.7	Mouth	34,48N,20W	Pettis		x	x	x			B	x		
Marlowe Cr.	P	6.7	Mouth	30,66N,31W	Worth		x	x	x			B	x		

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Marlowe Cr.	C	1.0	30,66N,31W	19,66N,31W	Worth		x	x	x			B	x		
Marmaton R.	P	35.7	11,37N,31W	State Line	Vernon		x	x	x			B	x		
Marney Br.	C	5.4	Mouth	3,43N,15W	Moniteau		x	x	x			B	x		
Marrowbone Cr.	P	11.5	Mouth	36,58N,28W	Daviess		x	x	x			B	x	x	
Marrowbone Cr.	C	13.9	36,58N,28W	15,58N,29W	Daviess		x	x	x			B	x		
Marsh Creek	P	1.6	Mouth	34,32N,5E	Madison		x	x	x			B	x		
Marsh Creek	C	1.6	34,32N,5E	32,32N,5E	Madison		x	x	x			B	x		
Marshalls Cr.	C	15.4	Mouth	33,40N,27W	Henry		x	x	x			B	x		
Martin Br.	C	0.5	Mouth	2,40N,04W	Franklin		x	x	x			B	x		
Martin Cr.	C	6.9	Mouth	27,64N,25W	Harrison	Mercer	x	x	x			B	x		
Martin Hollow	C	1.0	Mouth	1,32N,7E	Madison		x	x	x			B	x		
Marys Cr.	P	1.0	Mouth	03,39N,01W	Washington		x	x	x			B	x		
Marys Creek	C	2.9	3,39N,1W	16,39N,1W	Washington		x	x	x			B	x		
Marys Hollow	C	4.6	Mouth	5,24N,11W	Ozark		x	x	x			B	x		
Mash Cr.	P	0.5	Mouth	12,30N,4W	Shannon		x	x	x			B	x		
Mash Cr.	C	2.0	12,30N,4W	35,31N,4W	Shannon		x	x	x			B	x		
Mash Hollow	C	1.0	Mouth	33,24N,24W	Stone		x	x	x			B	x		
Mason Springs Valley	P	1.0	State Line	21,24N,34W	Newton		x	x	x			B	x		
Massey Cr.	C	7.0	2,44N,33W	20,45N,33W	Cass		x	x	x			B	x		
Massie Cr.	P	4.0	Mouth	10,46N,4W	Warren		x	x	x			B	x		
Massie Cr.	C	3.5	10,46N,4W	36,47N,4W	Warren		x	x	x			B	x		
Mattese Creek	P	1.1	Mouth	15,43N,6E	St. Louis		x	x	x			B	x		
Mattese Creek	C	6.7	15,43N,6E	Landgrant03117	St. Louis		x	x	x			B	x		
Maupin Br.	C	1.6	Mouth	35,47N,14W	Moniteau		x	x	x			B	x		
Maupin Cr.	P	1.3	Mouth	36,41N,02E	Jefferson		x	x	x			B	x		
Max Cr.	C	3.6	Mouth	26,24N,19W	Taney		x	x	x			B	x		
May Br.	C	0.5	Mouth	Hwy AN	Franklin		x	x	x			B	x		
May Br.	C	3.5	Mouth	30,48N,22W	Saline	Pettis	x	x	x			B	x		
Mayfield Cr.	P	0.8	Mouth	21,32N,10E	Bollinger		x	x	x			B	x		
Mayfield Cr.	C	2.7	21,32N,10E	18,32N,10E	Bollinger		x	x	x			B	x		
Mayhan Br.	C	1.3	Mouth	18,28N,08W	Texas		x	x	x				x		
Maze Cr.	C	2.0	Mouth	9,32N,25W	Dade		x	x	x			B	x		
McCarty Cr.	C	13.2	Mouth	31,34N,29W	Vernon		x	x	x			B	x		
McClanahan Creek	C	6.7	Mouth	Landgrant00863	Perry		x	x	x			B	x		
McCord Branch	C	6.4	Mouth	4,35N,28W	Cedar		x	x	x			B	x		
McCoy Cr.	P	1.9	Mouth	6,47N,2E	St. Charles		x	x	x			B	x		
McCoy Cr.	C	4.5	6,47N,2E	10,47N,1E	St. Charles		x	x	x			B	x		
McDade Br.	P	0.7	Mouth	9,39N,5W	Crawford		x	x	x			B	x		
McDade Br.	C	1.7	9,39N,5W	17,39N,5W	Crawford		x	x	x			B	x		
McElroy Cr.	C	3.0	Mouth	9,66N,41W	Atchison		x	x	x			B	x		
McGee Br.	C	3.9	Mouth	03,44N,20W	Pettis		x	x	x			B	x		
McGee Cr.	P	7.2	Mouth	20,28N,8E	Wayne		x	x	x			B	x		
McGill Branch	C	3.1	Mouth	32,49N,14W	Boone		x	x	x			B	x		
McGuire Br.	C	5.4	Mouth	7,56N,32W	Clinton		x	x	x			B	x		
McKenzie Cr.	P	6.3	Mouth	23,29N,3E	Wayne		x	x	x			B	x		
McKenzie Cr.	C	4.7	23,29N,3E	34,30N,3E	Wayne		x	x	x				x		
McKenzie Cr.	C	5.5	Mouth	06,37N,29W	Vernon		x	x	x			B	x		

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SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
IND-Industrial Water Supply

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
McKill Cr.	P	2.7	Mouth	34,34N,33W	Vernon		x	x	x			B	x		
McKill Cr.	C	2.2	34,34N,33W	35,34N,33W	Vernon		x	x	x			B	x		
McKinney Cr.	C	0.7	Mouth	23,48N,9W	Callaway		x	x	x			B	x		
McLean Cr.	C	6.6	Mouth	16,49N,2E	Lincoln		x	x	x			B	x		
McMullen Br.	C	1.2	Mouth	18,39N,5E	Jefferson		x	x	x			B	x		
McVey Br.	C	1.5	Mouth	3,21N,16W	Ozark		x	x	x			B	x		
Meadows Cr.	P	1.4	Mouth	10,45N,13W	Cole		x	x	x			B	x		
Meadows Cr.	C	2.0	10,45N,13W	16,45N,13W	Cole		x	x	x			B	x		
Meddleberger Br.	C	1.1	Mouth	34,40N,11W	Maries		x	x	x			B	x		
Medicine Cr.	P	31.3	Mouth	9,61N,22W	Livingston	Grundy	x	x	x			B	x		
Medicine Cr.	P	43.8	9,61N,22W	State Line	Grundy	Putnam	x	x	x			B	x		
Medlen Cr.	C	1.0	Mouth	6,43N,15W	Moniteau		x	x	x			B	x		
Melton Cr.	C	2.8	Mouth	21,36N,29W	Vernon		x	x	x			B	x		
Menorkenut Slough	C	10.4	Mouth	33,24N,8E	Butler		x	x	x			B	x		
Meramec R.	P	76.0	Big R.	Meramec State Pk.	Jefferson	Franklin	x	x	x	x		A	x	x	x
Meramec R.	P	51.3	13,40N,2W	22,38N,5W	Franklin	Crawford	x	x	x	x		A	x		x
Meramec R.	P	10.0	22,38N,5W	6,37N,5W	Crawford		x	x	x	x	x	A	x		
Meramec R.	P	38.9	7,37N,5W	19,34N,4W	Crawford	Dent	x	x	x	x	x	A	x		
Meramec R.	C	4.0	19,34N,4W	4,33N,4W	Dent		x	x	x	x	x	B	x		
Meramec R.	P	22.8	Mouth	18,44N,5E	St. Louis		x	x	x			A	x	x	x
Meramec R.	P	15.7	18,44N,5E	Big R.	St. Louis	Jefferson	x	x	x	x		A	x	x	x
Meramec River tributary	C	3.0	Mouth	33,36N,5W	Crawford		x	x	x			B	x		
Meramec River tributary	C	3.2	Mouth	17,42N,1E	Franklin		x	x	x			B	x		
Merrills Br.	C	3.2	Mouth	19,58N,8W	Marion		x	x	x			B	x		
Miami Cr.	P	19.6	Mouth	4,40N,32W	Bates		x	x	x			B	x	x	
Miami Cr.	C	14.8	4,40N,32W	4,41N,33W	Bates		x	x	x			B	x	x	
Mid. Fk. Shoal Cr.	C	1.3	Mouth	35,36N,2W	Crawford		x	x	x			B	x		
Mid. Richland Cr.	C	9.4	Mouth	6,42N,18W	Morgan		x	x	x			A	x		
Middle Big Cr.	C	9.4	Mouth	Lake Winnebago Dam	Cass		x	x	x			B	x		
Middle Br. Squaw Cr.	C	3.0	Mouth	5,62N,38W	Holt		x	x	x			B	x		
Middle Brushy Cr.	C	7.0	Mouth	32,27N,3E	Wayne	Carter	x	x	x			A	x		
Middle Cr.	C	6.5	Mouth	14,62N,25W	Grundy		x	x	x			B	x		
Middle Fabius R.	P	75.7	Mouth	22,64N,12W	Lewis	Scotland	x	x	x			A	x		x
Middle Fabius River tributary	C	1.1	Mouth	6,60N,7W	Lewis		x	x	x			B	x		
Middle Fabius River tributary	C	2.0	Mouth	35,62N,8W	Lewis		x	x	x			B	x		
Middle Fk.	P	7.0	Mouth	28,25N,6W	Oregon		x	x	x			A	x		
Middle Fk.	C	12.0	28,25N,6W	4,24N,7W	Oregon	Howell	x	x	x			B	x		
Middle Fk. Big Cr.	P	2.0	Mouth	19,31N,7E	Madison		x	x	x			B	x		
Middle Fk. Big Cr.	C	1.0	19,31N,7E	18,31N,7E	Madison		x	x	x			B	x		
Middle Fk. Black R.	P	21.0	Mouth	24,34N,1W	Reynolds	Iron	x	x	x	x		A	x		
Middle Fk. Black R.	C	1.2	24,34N,1W	13,34N,1W	Iron		x	x	x	x		A	x		
Middle Fk. Grand R.	P	27.5	Mouth	12,66N,31W	Gentry	Worth	x	x	x			A	x		
Middle Fk. Grand R.	C	2.5	12,66N,31W	State Line	Worth		x	x	x			B	x		
Middle Fk. Lost Cr.	C	8.0	Mouth	27,60N,31W	DeKalb		x	x	x			B	x		
Middle Fk. Tebo Cr.	C	7.5	Mouth	6,43N,24W	Henry		x	x	x			B	x		

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Middle Fork	C	3.2	Mouth	20,43N,03W	Franklin		x	x	x			B	x		
Middle Indian Cr.	C	2.5	Mouth	19,27N,10W	Douglas	Howell	x	x	x			B	x		
Middle Indian Cr.	C	3.5	16,24N,30W	12,24N,30W	Newton		x	x	x			A	x		
Middle Indian Cr.	P	2.2	Mouth	16,24N,30W	Newton		x	x	x			B	x		
Middle Prong Brushy Cr.	C	1.0	Mouth	29,30N,3W	Shannon		x	x	x			B	x		
Middle Prong Crooked Cr.	P	2.2	Mouth	24,35N,4W	Dent		x	x	x			B	x		
Middle Prong Crooked Cr.	C	2.0	24,35N,4W	29,35N,3W	Dent	Crawford	x	x	x			B	x		
Middle R.	P	15.0	Mouth	4,45N,9W	Callaway		x	x	x			B	x		
Middle R.	C	10.6	4,45N,9W	2,46N,10W	Callaway		x	x	x			B	x		
Middle Tarkio Cr.	C	10.0	Mouth	State Line	Atchison		x	x	x			B	x		
Middlebrook Cr.	C	1.1	Mouth	07,34N,04E	St. Francois		x	x	x			B	x		
Mikes Cr.	P	4.0	Mouth	14,22N,30W	McDonald		x	x	x			A	x		
Mill Br.	P	1.2	Mouth	3,38N,2E	Washington		x	x	x			B	x		
Mill Br.	C	1.0	3,38N,2E	2,38N,2E	Washington		x	x	x			B	x		
Mill Cr.	P	1.5	Mouth	30,39N,14W	Miller		x	x	x			B	x		
Mill Cr.	C	2.0	30,39N,14W	28,39N,14W	Miller		x	x	x			B	x		
Mill Cr.	P	4.8	Mouth	25,37N,15W	Camden		x	x	x			A	x		
Mill Cr.	P	2.0	Mouth	9,36N,18W	Dallas		x	x	x		x	B	x		
Mill Cr.	P	1.5	9,36N,18W	8,36N,18W	Dallas		x	x	x			B	x		
Mill Cr.	P	5.8	Mouth	8,37N,21W	Hickory		x	x	x	x		B	x		
Mill Cr.	P	1.3	Mouth	29,37N,9W	Phelps		x	x	x			A	x		
Mill Cr.	P	6.7	29,37N,9W	Yelton Spring	Phelps		x	x	x		x	A	x		
Mill Cr.	P	3.5	Yelton Spring	5,35N,9W	Phelps		x	x	x			B	x		
Mill Cr.	C	5.0	Mouth	Sur 1767,51N,1W	Lincoln		x	x	x			B	x		
Mill Cr.	C	4.3	Mouth	3,36N,8E	Ste. Genevieve		x	x	x			B	x		x
Mill Cr.	P	13.5	Mouth	8,37N,3E	St. Francois	Washington	x	x	x			B	x		
Mill Cr.	P	3.0	Mouth	36,36N,3E	Washington		x	x	x			B	x		
Mill Cr.	C	0.8	36,36N,3E	36,36N,3E	Washington		x	x	x			B	x		
Mill Cr.	P	10.0	Mouth	2,59N,38W	Holt		x	x	x			B	x		
Mill Cr.	P	2.7	Mouth	8,27N,1W	Carter		x	x	x			A	x		
Mill Cr.	C	2.4	8,27N,1W	1,27N,2W	Carter		x	x	x			B	x		
Mill Cr.	C	1.4	Mouth	7,25N,6E	Butler		x	x	x			B	x		
Mill Cr.	P	3.5	Mouth	33,33N,7E	Madison		x	x	x			B	x		
Mill Cr.	C	1.0	33,33N,7E	33,33N,7E	Madison		x	x	x			B	x		
Mill Cr.	C	2.0	Mouth	30,31N,5E	Wayne	Madison	x	x	x			B	x		
Mill Cr.	P	10.8	Mouth	State Line	Nodaway		x	x	x			B	x		
Mill Cr.	P	2.5	Mouth	24,21N,33W	McDonald		x	x	x			A	x		
Mill Cr.	C	3.9	Mouth	17,46N,33W	Jackson	Cass	x	x	x			B	x		
Mill Cr.	C	3.2	08,37N,21W	15,37N,21W	Hickory		x	x	x	x		B	x		
Mill Cr.	P	0.4	Mouth	21,39N,8W	Maries		x	x	x			B	x		
Mill Cr.	C	1.4	21,39N,8W	22,39N,08W	Maries		x	x	x			B	x		
Mill Cr.	P	0.5	Mouth	03,37N,10W	Phelps		x	x	x			B	x		
Mill Cr.	C	1.3	Mouth	8,56N,28W	Caldwell		x	x	x			B	x		
Mill Creek	C	5.5	2,59N,38W	13,60N,38W	Holt		x	x	x			B	x		
Mill Creek	C	3.4	Mouth	9,48N,33W	Jackson		x	x	x			B	x		
Mill Creek tributary	C	2.2	Mouth	Landgrant01686	Lincoln		x	x	x			B	x		
Mill Creek tributary	C	1.0	Mouth	26,60N,38W	Holt		x	x	x			B	x		

IRR-Irrigation
LWP-Livestock & Wildlife Protection
WWH-Protection of Warm Water Habitat
and Human Health Protection (HHP)

CLH-Cool Water Habitat
CDH-Cold Water Habitat
WBC-Whole Body Contact Recreation

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
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WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Mill Rock Cr.	C	1.3	Mouth	9,35N,2W	Crawford		x	x	x			B	x		
Mill Spring Cr.	P	1.0	Mouth	3,40N,8W	Maries		x	x	x			B	x		
Millan Hollow	C	1.4	Mouth	1,29N,20W	Greene		x	x	x				x		
Miller Cr.	C	6.6	Mouth	3,26N,4E	Wayne		x	x	x			B	x		
Millers Cr.	C	1.9	Mouth	14,47N,11W	Callaway		x	x	x			B	x		
Milligan Cr.	C	9.0	Mouth	18,53N,12W	Monroe		x	x	x			B	x		
Mine a Breton Cr.	P	9.0	7,38N,2E	10,37N,2E	Washington		x	x	x			B	x		
Mine a Breton Cr.	C	3.0	10,37N,2E	23,37N,2E	Washington		x	x	x			B	x		
Mineral Br.	C	1.7	Mouth	17,44N,15W	Moniteau		x	x	x			B	x		
Mineral Cr.	C	4.6	Mouth	20,44N,25W	Johnson		x	x	x			B	x		
Mineral Fk.	P	16.7	Mouth	7,38N,2E	Washington		x	x	x	x		A	x		
Mineral Spring Hollow	C	0.8	Mouth	30,31N,09W	Texas		x	x	x			B	x		
Mingo Cr.	C	2.0	Mouth	5,26N,8E	Stoddard		x	x	x			B	x		
Mingo Ditch	P	16.0	Mouth	32,27N,8E	Stoddard		x	x	x			B	x		
Minnow Br.	C	1.0	Mouth	25,41N,20W	Benton		x	x	x			B	x		
Minor Cr.	C	2.0	Mouth	11,33N,3E	Iron		x	x	x			B	x		
Mission Cr.	C	2.4	Hwy. 45	17,54N,36W	Platte		x	x	x			B	x		
Mississippi R.	P	6.3	N Riverfront Park	Missouri R.	St. Louis City	St. Charles	x	x	x			B	x	x	x
Mississippi R.	P	28.3	Meramec R.	N Riverfront Park	St. Louis	St. Louis City	x	x	x				x	x	x
Mississippi R.	P	125.1	State Line	Ohio R.	Pemiscot	Mississippi	x	x	x			B	x	x	x
Mississippi R.	P	94.4	Cuivre R.	Lock and Dam 21	St. Charles	Marion	x	x	x			A	x	x	x
Mississippi R.	P	44.1	Missouri R.	Cuivre R.	St. Charles		x	x	x			A	x	x	x
Mississippi R.	P	44.6	Kaskaskia R.	Meramec R.	Ste. Genevieve	St. Louis	x	x	x			B	x	x	x
Mississippi R.	P	120.1	Ohio R.	Kaskaskia R.	Mississippi	Ste. Genevieve	x	x	x			B	x	x	x
Mississippi R.	P	37.5	Lock & Dam 21	Des Moines R.	Marion	Clark	x	x	x			A	x	x	x
Missouri R.	P	104.5	Mouth	Gasconade R.	St. Louis	Gasconade	x	x	x			B	x	x	x
Missouri R.	P	129.0	Chariton R.	Kansas R.	Chariton	Jackson	x	x	x			B	x	x	x
Missouri R.	P	135.0	Gasconade R.	Chariton R.	Gasconade	Chariton	x	x	x			B	x	x	x
Missouri R.	P	184.5	Kansas R.	State Line	Jackson	Atchison	x	x	x			B	x	x	x
Mistaken Cr.	P	6.5	Mouth	20,42N,7W	Osage		x	x	x			B	x		
Mistaken Cr.	C	1.5	20,42N,7W	30,42N,7W	Osage		x	x	x			B	x		
Moccasin Cr.	C	2.6	Mouth	26,63N,33W	Gentry		x	x	x			B	x		
Modoc Cr.	C	3.3	Mouth	25,46N,6W	Montgomery		x	x	x			B	x		
Monegaw Cr.	P	4.8	Mouth	21,38N,27W	St. Clair		x	x	x			A	x		
Monegaw Cr.	C	18.4	21,38N,27W	4,39N,28W	St. Clair		x	x	x			B	x		
Moniteau Cr.	P	25.7	Mouth	5,50N,14W	Howard		x	x	x			B	x		
Moniteau Cr.	C	14.4	5,50N,14W	16,52N,14W	Howard	Randolph	x	x	x			B	x		
Moniteau Cr.	C	16.1	16,46N,15W	21,46N,17W	Moniteau	Cooper	x	x	x			B	x		
Moniteau Cr.	P	19.6	Mouth	16,46N,15W	Cole	Moniteau	x	x	x			B	x		
Montgomery Br.	C	6.5	15,38N,23W	6,37N,22W	Hickory		x	x	x			B	x		
Mooney Br.	C	2.2	Mouth	3,33N,10W	Texas		x	x	x				x		
Moore Br.	C	5.7	Mouth	27,35N,31W	Vernon		x	x	x			B	x		
Moores Br.	P	3.0	Mouth	34,35N,33W	Vernon		x	x	x			B	x		
Moores Br.	C	2.3	34,35N,33W	33,35N,33W	Vernon		x	x	x			B	x		
Moreau R.	P	37.0	Mouth	1,43N,13W	Cole		x	x	x			A	x		
Morgan Cr.	C	1.5	Mouth	17,43N,14W	Cole		x	x	x			B	x		

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Mormon Fk.	C	21.2	Mouth	19,42N,32W	Bates		x	x	x			B	x		
Morris Br.	C	1.0	Mouth	12,49N,7W	Callaway		x	x	x			B	x		
Morris Hollow	C	1.7	Mouth	17,22N,16W	Ozark		x	x	x			B	x		
Moss Br.	C	2.4	Mouth	16,66N,37W	Nodaway		x	x	x			B	x		
Moss Cr.	P	13.7	Mouth	34,52N,25W	Carroll		x	x	x			B	x		
Moss Hollow	C	1.0	Mouth	Sur 1963,42N,5E	Jefferson		x	x	x			B	x		
Mossy Cr.	C	0.2	Mouth	07,40N,21W	Benton		x	x	x			B	x		
Mound Br.	C	8.9	Mouth	13,40N,31W	Bates		x	x	x			B	x		
Mound Cr.	C	4.0	Mouth	7,56N,23W	Livingston		x	x	x			B	x		
Mountain Cr.	P	6.8	Mouth	23,35N,17W	Laclede		x	x	x			B	x		
Mouse Cr.	C	1.5	Mouth	22,47N,32W	Jackson		x	x	x			B	x		
Mozingo Cr.	C	5.1	Mouth	13,64N,35W	Nodaway		x	x	x			B	x		
Mud Cr.	C	17.5	Mouth	20,55N,13W	Monroe	Randolph	x	x	x			B	x		
Mud Cr.	C	4.3	Mouth	22,26N,7E	Butler		x	x	x			B	x		
Mud Cr.	C	1.3	Mouth	08,34N,04E	St. Francois		x	x	x			B	x		
Mud Cr.	P	4.5	36,56N,26W	23,55N,26W	Caldwell		x	x	x			B	x		
Mud Cr.	C	6.7	23,55N,26W	18,54N,26W	Caldwell	Ray	x	x	x			B	x		
Mud Cr.	C	1.5	Mouth	6,51N,15W	Howard		x	x	x			B	x		
Mud Cr.	C	1.5	Mouth	5,45N,13W	Cole		x	x	x			B	x		
Mud Cr. Ditch	P	3.5	28,56N,25W	36,56N,26W	Livingston	Caldwell	x	x	x			B	x		
Mud Ditch	C	9.0	Mouth	11,23N,15E	New Madrid		x	x	x			B	x		
Muddy Cr.	C	2.8	Mouth	19,38N,30W	Vernon	Bates	x	x	x			B	x		
Muddy Cr.	C	3.0	Mouth	Sur 3017,39N,7E	Jefferson		x	x	x			B	x		
Muddy Cr.	C	5.2	Mouth	11,65N,37W	Nodaway		x	x	x			B	x		
Muddy Cr.	C	6.6	31,58N,20W	05,58N,20W	Linn		x	x	x			B	x		
Muddy Cr.	C	3.7	Mouth	21,59N,26W	Daviess		x	x	x			B	x		
Muddy Cr.	C	9.7	Mouth	27,60N,30W	Daviess	DeKalb	x	x	x			B	x		
Muddy Cr.	P	42.0	Mouth	22,66N,23W	Grundy		x	x	x			B	x		
Muddy Cr.	C	5.7	Mouth	31,58N,20W	Linn		x	x	x			B	x		
Muddy Cr.	C	33.1	Mouth	14,61N,22W	Livingston	Sullivan	x	x	x			B	x		
Muddy Cr.	P	62.2	Mouth	17,45N,23W	Pettis		x	x	x			B	x		
Muddy Cr.	C	10.4	17,45N,23W	34,45N,24W	Pettis	Johnson	x	x	x			B	x		
Muddy Cr.	C	9.0	Mouth	22,52N,21W	Saline		x	x	x			B	x		
Muddy Creek	C	6.1	Mouth	3,44N,31W	Cass		x	x	x			B	x		
Muddy Creek tributary	C	1.5	Mouth	2,44N,31W	Cass		x	x	x			B	x		
Muddy Creek tributary	C	1.3	Mouth	20,46N,21W	Pettis		x	x	x			B	x		
Muddy Creek tributary	C	2.8	Mouth	3,44N,31W	Cass		x	x	x			B	x		
Muddy Creek tributary	C	3.7	Mouth	33,45N,31W	Cass		x	x	x			B	x		
Muddy Fk.	C	8.4	Mouth	35,54N,31W	Clay		x	x	x			B	x		
Muddy Shawnee Cr.	P	2.5	8,33N,13E	19,33N,13E	Cape Girardeau		x	x	x			B	x		
Muddy Shawnee Cr.	C	2.6	19,33N,13E	31,33N,13E	Cape Girardeau		x	x	x			B	x		
Mulberry Cr.	C	10.3	Mouth	33,41N,33W	Bates		x	x	x			B	x		
Mulberry Cr.	C	5.4	Mouth	04,34N,29W	Vernon		x	x	x			B	x		
Mulkey Cr.	C	5.0	Mouth	28,48N,25W	Johnson		x	x	x			B	x		
Muncas Cr.	P	4.0	Mouth	4,53N,16W	Chariton		x	x	x			B	x		
Muncas Cr.	C	8.8	4,53N,16W	6,54N,15W	Randolph		x	x	x			B	x		
Murphy Cr.	C	4.2	Mouth	8,36N,14W	Camden		x	x	x			B	x		

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Musco Cr.	P	1.5	Mouth	26,34N,6E	Madison		x	x	x			B	x		
Musco Cr.	C	1.2	26,34N,6E	22,34N,6E	Madison		x	x	x				x		
Mussel Fk.	C	29.0	18,58N,17W	2,62N,18W	Macon	Sullivan	x	x	x			B	x	x	
Mussel Fork	P	57.0	Mouth	18,58N,17W	Chariton	Macon	x	x	x			B	x	x	
Mutton Hollow	P	2.5	Mouth	13,31N,20W	Greene		x	x	x			B	x		
Myatt Cr.	C	12.0	State Line	5,22N,7W	Howell		x	x	x			B	x		
Myers Branch	C	2.5	Mouth	14,60N,10W	Knox		x	x	x			B	x		
N. Ashley Cr.	P	0.7	Mouth	34,32N,7W	Dent		x	x	x			B	x		
N. Ashley Cr.	C	9.9	Mouth	34,32N,8W	Dent	Texas	x	x	x			B	x		
N. Blackbird Cr.	C	18.1	Mouth	19,66N,18W	Putnam		x	x	x			B	x		
N. Bridges Cr.	C	4.6	17,22N,11W	2,22N,11W	Ozark		x	x	x			B	x		
N. Cobb Cr.	P	6.7	Mouth	2,33N,15W	Laclede		x	x	x			B	x		
N. Deepwater Cr.	C	5.4	Mouth	35,41N,29W	Henry	Bates	x	x	x			B	x		
N. Dry Sac R.	P	5.1	Mouth	22,31N,22W	Polk	Greene	x	x	x			B	x		
N. Dry Sac R.	C	4.8	9,31N,22W	19,31N,21W	Greene		x	x	x			B	x		
N. Elkhorn Cr.	P	4.4	Mouth	14,23N,31W	McDonald		x	x	x			B	x		
N. Fabius R.	P	92.0	Mouth	26,67N,14W	Marion	Schuyler	x	x	x			B	x	x	
N. Fabius R.	C	1.0	26,67N,14W	State Line	Schuyler		x	x	x			B	x		
N. Fk. Batts Cr.	C	1.0	Mouth	18,52N,16W	Howard		x	x	x			B	x		
N. Fk. Beaver Cr.	C	2.6	Mouth	33,30N,12W	Wright		x	x	x			B	x		
N. Fk. Blackwater R.	C	12.8	12,46N,27W	12,47N,28W	Johnson		x	x	x			B	x		
N. Fk. Bratten Spring Cr.	C	1.6	Mouth	13,22N,14W	Ozark		x	x	x			B	x		
N. Fk. Buffalo Cr.	P	2.6	20,24N,1E	18,24N,1E	Ripley		x	x	x			B	x		
N. Fk. Buffalo Cr.	C	5.9	18,24N,1E	21,24N,1W	Ripley		x	x	x			B	x		
N. Fk. Charrette Cr.	C	6.3	24,46N,02W	34,47N,02W	Warren		x	x	x			B	x		
N. Fk. Cuivre R.	P	25.1	Mouth	24,51N,3W	Lincoln	Pike	x	x	x			A	x		
N. Fk. Cuivre R.	C	10.0	24,51N,3W	28,52N,3W	Pike		x	x	x			B	x		
N. Fk. Finney Cr.	C	3.6	17,49N,21W	4,49N,21W	Saline		x	x	x			B	x		
N. Fk. Fourche a Renault Cr.	C	2.5	23,37N,1E	30,37N,2E	Washington		x	x	x			B	x		
N. Fk. Fourche Cr.	P	3.0	Mouth	4,22N,1E	Ripley		x	x	x			B	x		
N. Fk. Fourche Cr.	C	5.5	Hwy. 142	19,23N,1E	Ripley		x	x	x			B	x		
N. Fk. Hollow	C	1.5	Mouth	7,26N,4E	Butler		x	x	x			B	x		
N. Fk. Jones Cr.	P	0.5	Mouth	15,41N,03E	Jefferson		x	x	x			B	x		
N. Fk. N. Fabius R.	C	9.0	Mouth	2,66N,13W	Scotland		x	x	x			B	x		
N. Fk. Salt R.	P	84.9	Mouth	2,62N,14W	Monroe	Adair	x	x	x			B	x	x	
N. Fk. Spring Cr.	C	2.5	23,26N,10W	7,26N,10W	Howell		x	x	x			B	x		
N. Fk. Spring R.	P	17.4	Mouth	6,29N,32W	Jasper		x	x	x			B	x		
N. Fk. Spring R.	C	55.9	6,29N,32W	20,30N,28W	Jasper	Dade	x	x	x			B	x		
N. Fk. Web Cr.	P	1.9	Mouth	31,29N,2E	Reynolds		x	x	x			B	x		
N. Fk. Web Cr.	C	3.0	31,29N,2E	34,29N,1E	Reynolds		x	x	x			B	x		
N. Flat Cr.	C	3.5	Mouth	27,44N,23W	Pettis		x	x	x			B	x		
N. Indian Cr.	P	5.2	24,24N,31W	36,25N,30W	Newton		x	x	x			B	x		
N. Linn Cr.	C	1.7	Mouth	36,66N,9W	Clark		x	x	x			B	x		
N. Moreau Cr.	P	47.9	Mouth	4,44N,16W	Cole	Moniteau	x	x	x			A	x		
N. Mud Cr.	C	6.2	Mouth	6,55N,26W	Caldwell		x	x	x			B	x		
N. Pr. Beaverdam Cr.	C	3.0	Mouth	19,25N,4E	Ripley		x	x	x			B	x		

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N. Prong Jacks Fk.	P	6.8	29,28N,7W	11,28N,8W	Texas		x	x	x			B	x		
N. Prong Jacks Fk.	C	7.0	11,28N,8W	25,29N,9W	Texas		x	x	x			B	x		
N. Prong L. Black R.	P	3.2	9,24N,3E	32,25N,3E	Ripley		x	x	x			B	x		
N. Prong L. Black R.	C	12.2	32,25N,3E	35,26N,2E	Ripley	Carter	x	x	x			A	x		
N. Wyaconda R.	P	16.9	26,65N,9W	18,66N,10W	Clark	Scotland	x	x	x			B	x		
N. Wyaconda R.	C	9.2	18,66N,10W	31,67N,11W	Scotland		x	x	x			B	x		
Nance Cr.	C	0.5	Mouth	15,24N,14W	Ozark		x	x	x			B	x		
Narrows Cr.	C	2.6	Mouth	7,56N,13W	Macon		x	x	x			B	x		
Nations Cr.	P	4.5	Mouth	15,34N,9E	Perry		x	x	x			B	x		
Nations Cr.	C	2.0	15,34N,9E	8,34N,9E	Perry		x	x	x			B	x		
Natural Bridge Holl.	C	1.8	Mouth	17,22N,26W	Barry		x	x	x				x		
Naylor Cr.	C	1.0	Mouth	7,51N,34W	Platte		x	x	x			B	x		
Neals Cr.	C	3.2	Mouth	16,34N,1W	Iron		x	x	x			B	x		
New #7 Chute	C	1.6	35,23N,16E	6,22N,17E	Mississippi		x	x	x			B	x		
New Franklin Ditch	P	6.3	6,16N,12E	23,17N,12E	Pemiscot		x	x	x			B	x		
New Hope Cr.	C	5.5	Mouth	31,54N,30W	Clay		x	x	x			B	x		
Newtonia Br.	P	1.4	Mouth	1,25N,30W	Newton		x	x	x			B	x		
Niangua R.	P	5.7	Mouth	19,37N,17W	Camden		x	x	x			A	x		
Niangua R.	C	6.8	19,37N,17W	19,37N,17W	Camden		x	x	x			A	x		
Niangua R.	P	5.0	Mouth	2,36N,18W	Camden		x	x	x			B	x		
Niangua R.	P	25.0	Dallas County Line	11,35N,18W	Dallas		x	x	x	x		A	x		
Niangua R.	P	6.0	11,35N,18W	Bennett Spring Cr.	Dallas		x	x	x	x	x	A	x		
Niangua R.	P	56.0	Bennett Spr Cr.	33,32N,18W	Dallas	Webster	x	x	x	x		A	x		
Nichols Cr.	C	4.6	Mouth	17,60N,37W	Holt		x	x	x			B	x		
Nishnabotna R.	P	10.2	Mouth	State Line	Atchison		x	x	x			B	x	x	
No Cr.	P	28.7	Mouth	14,62N,23W	Livingston	Grundy	x	x	x			B	x		
No. 13 Elk Chute	C	2.3	Mouth	35,19N,11E	Pemiscot		x	x	x			B	x		
No. 3 Island Chute	P	8.3	6,25N,18E	29,25N,18E	Mississippi		x	x	x			B	x		
Noblett Cr.	P	2.4	Mouth	Noblett Lake Dam	Douglas		x	x	x			B	x		
Noblett Cr.	P	7.0	24,26N,11W	9,26N,10W	Douglas	Howell	x	x	x			B	x		
Noblett Cr.	C	1.2	9,26N,10W	3,26N,10W	Howell		x	x	x			B	x		
Nodaway R.	P	59.3	Mouth	State Line	Andrew	Nodaway	x	x	x			B	x		
Noix Cr.	P	1.9	Mouth	19,54N,1W	Pike		x	x	x			B	x		
Noix Creek	C	11.8	Mouth	29,53N,2W	Pike		x	x	x			B	x		
Noix Creek tributary	C	0.8	Mouth	30,53N,2W	Pike		x	x	x			B	x		
Noix Creek tributary	C	3.7	Mouth	23,53N,3W	Pike		x	x	x			B	x		
Noix Creek tributary	C	1.1	Mouth	14,53N,3W	Pike		x	x	x			B	x		
Noix Creek tributary	C	1.8	Mouth	16,53N,2W	Pike		x	x	x			B	x		
Noix Creek tributary	C	1.1	Mouth	23,54N,2W	Pike		x	x	x			B	x		
Norborne Drainage Ditch	P	5.1	34,52N,25W	21,52N,26W	Carroll	Ray	x	x	x			B	x		
Norman Cr.	C	7.7	Mouth	08,36N,06W	Phelps		x	x	x			B	x		
Norris Creek	C	10.6	Mouth	10,44N,27W	Henry	Johnson	x	x	x			B	x		
Norris Creek tributary	C	4.2	Mouth	24,44N,27W	Henry	Johnson	x	x	x			B	x		
North Blackbird Creek tributary	C	2.9	Mouth	9,66N,18W	Putnam		x	x	x			B	x		
North Blackbird Creek tributary	C	2.1	Mouth	16,66N,18W	Putnam		x	x	x			B	x		

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North Branch Wilsons Cr.	P	3.8	29,29N,22W	16,29N,22W	Greene		x	x	x			B	x		
North Cut Ditch	P	24.8	Mouth	3,28N,14E	New Madrid	Scott	x	x	x			B	x		
North Cut Ditch	C	2.3	3,28N,14E	35,29N,14E	Scott		x	x	x			B	x		
North Fabius River tributary	C	0.9	Mouth	14,65N,12W	Scotland		x	x	x			B	x		
North Fabius River tributary	C	0.7	14,65N,12W	15,65N,12W	Scotland		x	x	x			B	x		
North Fabius River tributary	C	1.5	Mouth	17,66N,13W	Schuyler		x	x	x			B	x		
North Fabius River tributary	C	1.8	Mouth	19,66N,13W	Schuyler		x	x	x			B	x		
North Fabius River tributary	C	0.8	16,65N,12W	17,65N,12W	Scotland		x	x	x			B	x		
North Fk.	C	1.5	Mouth	16,36N,2E	Washington		x	x	x			B	x		
North Fork Grindstone Creek	C	8.0	Mouth	36,49N,12W	Boone		x	x	x			B	x		
North Fork Middle Fabius River	C	35.9	Mouth	9,66N,15W	Scotland	Schuyler	x	x	x			B	x		
North Fork Middle Fabius River tributary	C	5.6	Mouth	16,66N,15W	Schuyler		x	x	x			B	x		
North Fork Middle Fabius River tributary	C	0.4	Mouth	23,66N,15W	Schuyler		x	x	x			B	x		
North Fork Middle Fabius River tributary	C	0.4	Mouth	14,66N,15W	Schuyler		x	x	x			B	x		
North Fork R.	P	23.9	Mouth	2,24N,12W	Ozark		x	x	x		x	A	x		
North Fork R.	P	31.3	34,25N,11W	17,27N,11W	Douglas		x	x	x	x		A	x		
North Fork R.	C	8.0	17,27N,11W	23,28N,12W	Douglas	Texas	x	x	x			B	x		
North Fork Salt River	C	23.0	2,62N,14W	27,65N,15W	Adair	Schuyler	x	x	x			B	x		
North Fork Salt River tributary	C	3.2	Mouth	4,64N,15W	Adair	Schuyler	x	x	x			B	x		
North Fork Salt River tributary	C	2.4	Mouth	34,65N,15W	Schuyler		x	x	x			B	x		
North Fork Salt River tributary	C	1.2	Mouth	20,57N,10W	Shelby		x	x	x			B	x		
North Fork South Fabius River	C	48.1	Mouth	22,65N,15W	Knox	Schuyler	x	x	x			B	x		
North Fork South Fabius River tributary	C	1.0	Mouth	12,62N,12W	Knox		x	x	x			B	x		
North R.	C	8.7	26,60N,11W	13,60N,12W	Knox		x	x	x				x		
North R.	P1	4.0	Mouth	8,58N,5W	Marion		x	x	x			B	x		
North R.	P	49.0	8,58N,5W	33,59N,10W	Marion	Shelby	x	x	x			B	x		
North R.	C	12.8	33,59N,10W	26,60N,11W	Shelby	Knox	x	x	x			B	x		
North Sycamore Branch	P	3.0	Mouth	6,29N,26W	Dade	Lawrence	x	x	x			B	x		
Northcut Br.	P	1.0	Mouth	27,39N,1W	Washington		x	x	x			B	x		
Northcut Br.	C	1.3	27,39N,1W	34,39N,1W	Washington		x	x	x			B	x		
Norvey Cr.	C	9.3	Mouth	9,66N,34W	Nodaway		x	x	x			B	x		
Nulls Cr.	C	5.8	Mouth	15,50N,2W	Lincoln		x	x	x			B	x		
Off Davis Hollow	C	3.5	Mouth	29,22N,26W	Barry		x	x	x			A	x		
Old Bland Cr.	C	2.0	Mouth	8,41N,6W	Gasconade		x	x	x			B	x		
Old Ch. L. Tarkio Cr.	P	5.3	Mouth	22,61N,39W	Holt		x	x	x			B	x		
Old Ch. L. Tarkio Cr.	C	8.3	22,61N,39W	20,62N,39W	Holt		x	x	x			B	x		
Old Ch. Nishnabotna R.	P	13.7	30,64N,41W	1,65N,42W	Atchison		x	x	x			B	x		
Old Ch. Nishnabotna R.	C	3.0	1,65N,42W	25,66N,42W	Atchison		x	x	x			B	x		
Old Ch. St. Francis R.	P	4.5	Mouth	34,22N,8E	Dunklin		x	x	x			B	x		

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Old Ch. St. Francis R.	C	8.0	32,22N,8E	15,22N,8E	Dunklin		x	x	x			B	x		
Old Chan. Chariton R.	C	14.6	34,65N,16W	34,66N,16W	Putnam	Schuyler	x	x	x			B	x		
Old Chan. Chariton R.	C	2.0	Mouth	32,56N,16W	Chariton		x	x	x			B	x		
Old Chan. Chariton R.	P	14.5	Mouth	9,52N,18W	Chariton		x	x	x			B	x		
Old Chan. Chariton R.	C	11.0	9,52N,18W	29,53N,18W	Chariton		x	x	x			B	x		
Old Chan. Grand R.	C	3.1	12,58N,27W	35,59N,27W	Daviess		x	x	x			B	x		
Old Chan. Grand R.	C	2.5	Mouth	18,57N,24W	Livingston		x	x	x			B	x		
Old Chan. Grand R.	P	15.2	Mouth	12,58N,26W	Daviess		x	x	x			B	x		
Old Chan. Grand R.	C	1.5	20,57N,23W	29,57N,23W	Livingston		x	x	x			B	x		
Old Chan. Grand R.	C	5.3	7,56N,21W	2,56N,22W	Livingston		x	x	x			B	x		
Old Chan. Grand R.	C	4.0	26,57N,23W	26,57N,23W	Livingston		x	x	x			B	x		
Old Chan. Hubble Cr.	C	2.9	Mouth	11,29N,12E	Scott	Cape Girardeau	x	x	x			B	x		
Old Chan. Little R.	C	15.4	33,20N,11E	3,20N,12E	Pemiscot		x	x	x			B	x		
Old Chan. Little R.	P	47.2	26,22N,12E	2,27N,12E	New Madrid	Scott	x	x	x			B	x		
Old Chan. Little R.	P	4.3	11,27N,12E	32,28N,12E	Scott		x	x	x			B	x		
Old Chan. Mud Cr.	P	3.0	Mouth	29,56N,25W	Livingston		x	x	x			B	x		
Old Chan. Nodaway R.	C	10.0	Mouth	35,62N,37W	Andrew	Holt	x	x	x			B	x		
Old Chan. Nodaway R.	C	1.2	Mouth	11,66N,37W	Nodaway		x	x	x			B	x		
Old Chan. Nodaway R.	C	2.0	Mouth	1,66N,37W	Nodaway		x	x	x			B	x		
Old Chan. Nodaway R.	C	1.5	Mouth	23,66N,37W	Nodaway		x	x	x			B	x		
Old Chan. Nodaway R.	C	1.0	Mouth	27,66N,37W	Nodaway		x	x	x			B	x		
Old Chan. Nodaway R.	C	2.5	4,65N,37W	34,66N,37W	Nodaway		x	x	x			B	x		
Old Chan. Nodaway R.	C	3.7	8,65N,37W	5,65N,37W	Nodaway		x	x	x			B	x		
Old Chan. Nodaway R.	C	2.5	Mouth	17,65N,37W	Nodaway		x	x	x			B	x		
Old Chan. Nodaway R.	C	2.8	Mouth	30,65N,37W	Nodaway		x	x	x			B	x		
Old Chan. Nodaway R.	C	1.0	1,59N,37W	1,59N,37W	Holt	Andrew	x	x	x			B	x		
Old Chan. Platte R.	C	3.4	Mouth	16,56N,34W	Buchanan		x	x	x			B	x		
Old Chan. Platte R.	C	2.2	Mouth	35,57N,34W	Buchanan		x	x	x			B	x		
Old Chan. Platte R.	C	4.0	21,57N,34W	4,57N,34W	Buchanan		x	x	x			B	x		
Old Chan. Platte R.	C	5.0	4,57N,34W	28,58N,34W	Buchanan		x	x	x			B	x		
Old Chan. Platte R.	C	1.0	34,57N,34W	27,57N,34W	Buchanan		x	x	x			B	x		
Old Chan. Thompson R.	C	1.2	2,61N,25W	35,62N,25W	Grundy		x	x	x			B	x		
Old Chan. Thompson R.	C	2.7	32,63N,25W	29,63N,25W	Grundy		x	x	x			B	x		
Old Chan. Thompson R.	C	1.6	8,62N,25W	5,62N,25W	Grundy		x	x	x			B	x		
Old Chan. Thompson R.	C	8.4	34,62N,25W	8,62N,25W	Grundy		x	x	x			B	x		
Old Chan. Thompson R.	C	3.6	9,57N,24W	4,57N,24W	Livingston		x	x	x			B	x		
Old Chan. Wakenda Cr.	P	3.0	6,52N,23W	1,52N,24W	Carroll		x	x	x			B	x		
Old Chan. Weldon R.	C	4.0	Mouth	20,62N,24W	Grundy		x	x	x			B	x		
Old Channel South Grand River	C	13.5	34,44N,32W	28,43N,31W	Cass		x	x	x			B	x		
Old Channel Tarkio River	C	9.9	29,62N,39W	33,63N,40W	Atchison	Holt	x	x	x			B	x		
Old Kings Lake Cr.	P	3.2	Sur 1724, 50N,2E	35,51N,2E	Lincoln		x	x	x			B	x		
Old Kings Lake Cr.	P1	6.2	Mouth	Sur 1724,50N,2E	Lincoln		x	x	x			B	x		
Old Kings Lake Cr.	C	7.3	35,51N,2E	3,51N,2E	Lincoln		x	x	x			B	x		
Old Mines Cr.	P	6.6	Mouth	Sur 3039,38N,2E	Washington		x	x	x			A	x		
Old Mines Cr.	C	1.0	Sur 3039,38N,2E	Sur 3040,38N,2E	Washington		x	x	x			B	x		

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Old R. (Slough Miss.)	P	9.2	Mouth	18,37N,10E	Ste. Genevieve		x	x	x			B	x		
Old Town Br.	C	7.3	Mouth	14,36N,31W	Vernon		x	x	x			B	x		
Olive Br.	C	1.0	Mouth	17,46N,20W	Pettis		x	x	x			B	x		
Omete Cr.	P	3.5	Mouth	15,35N,12E	Perry		x	x	x			B	x		
Omete Creek	C	5.7	15,35N,12E	3,34N,12E	Perry		x	x	x			B	x		
One Hundred and Two R.	P	79.7	Mouth	State Line	Buchanan	Nodaway	x	x	x			B	x	x	
Open Hollow	C	0.8	Mouth	16,28N,4W	Shannon		x	x	x			B	x		
Opposum Cr.	C	2.5	Mouth	36,30N,11W	Texas		x	x	x			B	x		
Opposum Cr.	C	1.5	Mouth	31,40N,3W	Crawford		x	x	x			B	x		
Opposum Cr.	C	6.4	Mouth	28,30N,30W	Jasper		x	x	x			B	x		
Opposum Cr.	P	1.9	Mouth	12,30N,9E	Bollinger		x	x	x			B	x		
Opossum Cr.	C	2.2	12,30N,9E	11,30N,9E	Bollinger		x	x	x			B	x		
Osage Fk.	P	69.0	Mouth	26,30N,17W	Laclede	Webster	x	x	x	x		A	x		
Osage R.	P	81.9	Mouth	Bagnell Dam	Osage	Miller	x	x	x			A	x		
Osage R.	P	50.7	Mouth	33,38N,30W	St. Clair	Vernon	x	x	x			A	x		
Otter Cr.	C	37.6	Mouth	8,56N,12W	Monroe	Shelby	x	x	x			B	x		
Otter Cr.	C	2.2	Mouth	22,24N,16W	Ozark		x	x	x			B	x		
Otter Cr.	P	6.0	Mouth	18,27N,6E	Wayne		x	x	x			B	x		
Otter Cr.	C	18.0	18,27N,6E	18,28N,4E	Wayne		x	x	x			B	x		
Otter Cr.	C	2.5	Mouth	11,56N,27W	Caldwell		x	x	x			B	x		
Otter Cr.	C	3.0	Mouth	31,46N,18W	Cooper		x	x	x			B	x		
Otter Slough Ditch	P	4.0	12,23N,8E	19,24N,9E	Stoddard		x	x	x			B	x		
Otter Slough Ditch	P	7.3	Mouth	3,24N,13E	New Madrid		x	x	x			B	x		
Ottery Cr.	P	6.9	Mouth	14,34N,1E	Reynolds	Iron	x	x	x			B	x		
Ottery Cr.	C	1.8	14,34N,1E	12,34N,1E	Iron		x	x	x			B	x		
Owens Cr.	C	3.2	Mouth	21,43N,32W	Cass		x	x	x			B	x		
Owens Cr.	C	3.7	Mouth	12,42N,8W	Osage		x	x	x			B	x		
Owl Cr.	C	2.0	Mouth	11,36N,4E	St. Francois		x	x	x			B	x		
Owl Cr.	C	3.3	Mouth	27,49N,28W	Lafayette		x	x	x				x		
Owl Cr.	C	4.8	Mouth	24,54N,35W	Platte		x	x	x				x		
Owl Cr.	C	2.0	Mouth	3,47N,11W	Callaway		x	x	x			B	x		
P.D. Cr.	C	0.1	Mouth	28,40N,21W	Benton		x	x	x			B	x		
Painter Br.	C	3.2	Mouth	33,48N,20W	Pettis		x	x	x			B	x		
Palmer Cr.	P	12.2	Mouth	9,53N,19W	Chariton		x	x	x			B	x		
Palmer Cr.	C	2.8	9,53N,19W	33,54N,19W	Chariton		x	x	x			B	x		
Panther Cr.	C	8.0	Mouth	15,44N,29W	Johnson		x	x	x			B	x		
Panther Cr.	C	12.6	Mouth	14,39N,29W	Bates		x	x	x			B	x		
Panther Cr.	C	9.7	Mouth	13,35N,24W	St. Clair	Polk	x	x	x			B	x		
Panther Cr.	P	2.9	Mouth	13,32N,17W	Webster	Laclede	x	x	x			B	x		
Panther Cr.	C	0.5	13,32N,17W	14,32N,17W	Laclede		x	x	x			B	x		
Panther Cr.	P	3.1	Mouth	36,32N,10E	Cape Girardeau	Bollinger	x	x	x			B	x		
Panther Cr.	C	1.2	36,32N,10E	2,31N,10E	Bollinger		x	x	x			B	x		
Panther Cr.	P	9.3	Mouth	29,29N,18W	Webster		x	x	x			B	x		
Panther Cr.	C	2.3	Mouth	18,28N,11W	Texas		x	x	x			B	x		
Panther Cr.	C	4.8	Mouth	33,64N,30W	Gentry		x	x	x			B	x		
Panther Cr.	C	5.0	Mouth	28,57N,26W	Caldwell		x	x	x				x		
Panther Cr.	P	3.5	Mouth	14,64N,26W	Harrison		x	x	x			B	x		

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Panther Cr.	C	6.8	14,64N,26W	36,65N,27W	Harrison		x	x	x			B	x		
Panther Hollow	C	1.5	Mouth	3,27N,07W	Howell		x	x	x			B	x		
Papoose Cr.	C	0.5	Mouth	LG 319,40N,2E	Washington		x	x	x			B	x		
Paris Br.	C	3.0	Mouth	31,50N,1W	Lincoln		x	x	x				x		
Parker Br.	P	3.4	Mouth	2,39N,32W	Bates		x	x	x			B	x		
Parker Br.	C	2.6	26,33N,3W	15,33N,3W	Reynolds		x	x	x			B	x		
Parker Hollow	P	2.2	Mouth	20,32N,6W	Dent		x	x	x		x	B	x		
Parks Cr.	P	3.0	Mouth	30,32N,15W	Laclede	Wright	x	x	x			B	x		
Parks Cr.	C	2.4	30,32N,15W	6,31N,15W	Wright		x	x	x			B	x		
Parson Cr.	P	15.0	Mouth	23,58N,22W	Livingston	Linn	x	x	x			B	x		
Parson Cr.	C	14.6	23,58N,22W	31,60N,21W	Linn		x	x	x			B	x		
Pass Br.	C	3.2	Mouth	3,50N,23W	Saline		x	x	x			B	x		
Patterson Cr.	C	1.8	Mouth	35,33N,4E	Iron		x	x	x			B	x		
Patterson Cr.	P	3.5	State Line	11,22N,34W	McDonald		x	x	x			B	x		
Patton Br.	C	5.0	Mouth	26,33N,29W	Barton		x	x	x			B	x		
Pea Ridge Cr.	P	1.5	Mouth	2,29N,22W	Greene		x	x	x			B	x	x	
Peachtree Fk.	P	2.0	Mouth	5,29N,4E	Wayne		x	x	x			B	x		
Peachtree Fk.	C	3.2	5,29N,4E	36,30N,3E	Wayne		x	x	x			B	x		
Pearson Cr.	P	8.0	Mouth	5,29N,20W	Greene		x	x	x			A	x		
Peavine Cr.	C	1.7	Mouth	11,40N,7W	Maries		x	x	x			B	x		
Peavine Cr.	C	3.7	Mouth	20,48N,24W	Johnson		x	x	x			B	x		
Pecaut Hollow	C	1.5	Mouth	19,35N,10E	Perry		x	x	x			B	x		
Peckout Hollow	C	1.8	Mouth	9,25N,20W	Christian		x	x	x			B	x		
Peddler Cr.	P	1.5	Mouth	28,64N,31W	Gentry		x	x	x			B	x		
Peddler Cr.	C	3.0	28,64N,31W	16,64N,31W	Gentry		x	x	x			B	x		
Pedelo Cr.	P	0.5	Mouth	7,27N,19W	Christian		x	x	x			B	x		
Pedelo Cr.	C	1.0	7,27N,19W	6,27N,19W	Christian		x	x	x			B	x		
Pedlar Cr.	C	5.4	Mouth	23,61N,36W	Andrew		x	x	x			B	x		
Peers Slough	C	3.0	Mouth	27,45N,2W	Warren		x	x	x			B	x		
Peggy Br.	P	1.3	Mouth	32,43N,7W	Osage		x	x	x			B	x		
Peggy Br.	C	0.5	32,43N,7W	5,42N,7W	Osage		x	x	x			B	x		
Peno Cr.	C	14.4	Mouth	32,54N,3W	Pike		x	x	x	x	x	B	x		
Pepper Cr.	C	2.8	Mouth	33,44N,23W	Pettis		x	x	x			B	x		
Perche Cr.	C	23.7	5,49N,13W	19,52N,13W	Boone	Randolph	x	x	x			A	x		
Perche Cr.	P1	11.3	Mouth	29,48N,13W	Boone		x	x	x			B	x		
Perche Cr.	P	17.5	29,48N,13W	5,49N,13W	Boone		x	x	x			B	x		
Perkins Br.	P	1.5	Mouth	12,27N,6E	Wayne		x	x	x			B	x		
Perkins Cr.	C	3.0	36,30N,8E	24,30N,8E	Bollinger		x	x	x			B	x		
Perkins Cr.	P	8.5	Mouth	36,30N,8E	Bollinger		x	x	x			B	x		
Peruque Cr.	P1	9.6	Mouth	9,47N,3E	St. Charles		x	x	x			B	x		
Peruque Cr.	P	10.3	9,47N,3E	Lake St. Louis Dam	St. Charles		x	x	x			B	x		
Peruque Cr.	P	4.0	Mouth	25,47N,1E	St. Charles		x	x	x			B	x		
Peruque Cr.	C	10.9	25,47N,1E	23,47N,1W	St. Charles	Warren	x	x	x			B	x		
Peters Br.	C	1.5	Mouth	13,29N,5E	Wayne		x	x	x			B	x		
Peters Cr.	C	3.5	Mouth	22,29N,8W	Texas		x	x	x			B	x		
Peters Cr.	C	1.0	Mouth	36,32N,6E	Madison		x	x	x			B	x		
Petite Saline Cr.	P	21.0	Mouth	24,48N,17W	Moniteau	Cooper	x	x	x			A	x		

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Petite Saline Cr.	C	28.0	24,48N,17W	26,46N,18W	Cooper		x	x	x			B	x		
Pettis Cr.	C	5.3	Mouth	9,31N,30W	Barton		x	x	x			B	x		
Pickerel Cr.	P	3.3	Mouth	26,29N,24W	Greene		x	x	x			B	x		
Pickerel Cr.	C	0.5	26,29N,24W	26,29N,24W	Greene		x	x	x				x		
Pickle Cr.	P	7.8	Mouth	19,36N,7E	Ste. Genevieve		x	x	x			B	x		
Pierce Cr.	P	2.4	Mouth	19,41N,2E	Franklin		x	x	x			B	x		
Pierce Cr.	C	2.8	19,41N,2E	31,41N,2E	Franklin		x	x	x			B	x		
Pierre Fleche Cr.	C	5.5	Mouth	15,50N,19W	Saline		x	x	x			B	x		
Pigeon Cr.	C	1.2	State Line	11,21N,13W	Ozark		x	x	x			B	x		
Pigeon Cr.	P	7.6	Montauk Spring	8,32N,7W	Dent		x	x	x			A	x		
Pigeon Cr.	C	7.7	8,32N,7W	34,33N,8W	Dent	Texas	x	x	x			B	x		
Pigeon Cr.	C	7.2	Mouth	15,56N,35W	Buchanan		x	x	x			B	x		
Pigeon Roost Cr.	C	0.5	Mouth	18,54N,7W	Monroe		x	x	x			B	x		
Pike Cr.	P	3.8	Mouth	34,27N,1W	Carter		x	x	x	x		B	x		
Pike Cr.	C	25.6	34,27N,1W	27,27N,3W	Carter	Shannon	x	x	x				x		
Pike Cr.	C	6.0	15,24N,6E	30,25N,6E	Butler		x	x	x				x		
Pike Cr.	C	5.0	18,22N,6E	33,23N,6E	Butler		x	x	x			B	x		
Pike Cr. Ditch	C	4.0	State Line	18,22N,6E	Butler		x	x	x			B	x		
Pike Run	P	1.8	Mouth	32,38N,05E	St. Francois		x	x	x			B	x		
Pike Run	C	0.9	32,38N,05E	28,38N,05E	St. Francois		x	x	x			B	x		
Pike Slough	C	6.4	Mouth	28,24N,6E	Butler		x	x	x				x		
Pilot Br.	C	1.0	Mouth	10,44N,16W	Moniteau		x	x	x			B	x		
Pilot Grove Cr.	C	5.4	Mouth	11,60N,27W	Daviess		x	x	x			B	x		
Pin Oak Cr.	P	1.3	Mouth	7,43N,6W	Gasconade		x	x	x			B	x		
Pin Oak Cr.	C	1.8	17,43N,6W	Hwy. 50	Gasconade		x	x	x			B	x		
Pin Oak Cr.	C	2.0	Mouth	3,44N,3W	Franklin		x	x	x			B	x		
Pin Oak Cr.	C	3.0	Mouth	03,42N,04W	Franklin		x	x	x			B	x		
Pin Oak Cr.	C	1.6	Mouth	11,39N,07W	Maries		x	x	x			B	x		
Pin Oak Cr.	C	3.0	Mouth	3,45N,28W	Johnson		x	x	x			B	x		
Pine Br.	C	3.6	Mouth	01,28N,08W	Texas		x	x	x			B	x		
Pine Cr.	P	1.5	Mouth	30,23N,12W	Ozark		x	x	x			B	x		
Pine Cr.	C	8.6	30,23N,12W	2,23N,13W	Ozark		x	x	x			B	x		
Pine Cr.	P	9.5	Mouth	5,27N,9W	Texas	Howell	x	x	x			B	x		
Pine Cr.	C	1.0	5,27N,9W	6,27N,9W	Howell		x	x	x			B	x		
Pine Hollow	C	4.0	Mouth	25,28N,5W	Shannon		x	x	x			B	x		
Pine Run	C	5.1	Mouth	26,25N,24W	Stone		x	x	x			B	x		
Pine Valley Cr.	C	6.9	Mouth	13,28N,1W	Carter	Reynolds	x	x	x			B	x		
Pinery Cr.	C	0.8	Mouth	21,39N,1E	Washington		x	x	x			B	x		
Pinery Cr.	C	1.0	Mouth	36,40N,1E	Washington		x	x	x			B	x		
Piney Br.	C	1.2	Mouth	25,36N,1W	Washington		x	x	x			B	x		
Piney Cr.	C	2.8	Mouth	22,23N,25W	Stone	Barry	x	x	x			B	x		
Piney Cr.	C	10.5	Mouth	Hwy. 160	Oregon		x	x	x				x		
Piney Cr.	C	1.5	Mouth	7,33N,6E	Madison		x	x	x			B	x		
Piper Cr.	P	5.3	Mouth	31,34N,22W	Polk		x	x	x			B	x		
Pipes Br.	C	2.0	Mouth	16,49N,15W	Howard		x	x	x			B	x		
Pippin Br.	P	3.0	26,37N,20W	28,37N,20W	Hickory		x	x	x			B	x		
Pippin Br.	P	1.0	Mouth	26,37N,20W	Hickory		x	x	x			B	x		

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Platte R.	P	142.4	Mouth	State Line	Platte	Worth	x	x	x			B	x	x	
Plattin Cr.	P	19.9	Mouth	01,38N,05E	Jefferson	St. Francois	x	x	x			A	x		x
Plattin Cr.	C	3.5	31,39N,06E	8,38N,06E	Jefferson	St. Francois	x	x	x			B	x		
Pleasant Run Cr.	C	7.6	Mouth	28,34N,31W	Vernon		x	x	x			B	x		
Pleasant Valley Cr.	P	3.2	Mouth	14,39N,5W	Crawford		x	x	x			B	x		
Pleasant Valley Cr.	C	1.7	14,39N,5W	24,39N,5W	Crawford		x	x	x			B	x		
Plum Cr.	C	1.8	Mouth	2,33N,6E	Madison		x	x	x			B	x		
Pogue Cr.	C	2.5	Mouth	32,24N,28W	Barry		x	x	x			B	x		
Pointers Cr.	C	1.0	Mouth	31,43N,7W	Osage		x	x	x			B	x		
Pole Cat Slough	P	12.6	Mouth	2,18N,9E	Dunklin		x	x	x			B	x		
Pole Hollow	P	4.3	Mouth	25,42N,20W	Benton		x	x	x			B	x		
Polecat Cr.	C	4.0	Mouth	13,34N,26W	Cedar		x	x	x				x		
Polecat Cr.	C	11.1	Mouth	Hwy. 136	Harrison		x	x	x			B	x		
Polecat Creek	C	2.9	Mouth	28,45N,31W	Cass		x	x	x			B	x		
Pomme Cr.	P	1.8	Mouth	Sur 2991,43N,06E	Jefferson		x	x	x			B	x		
Pomme de Terre R.	P	21.8	Mouth	Pomme de Terre Dam Hickory			x	x	x	x		A	x		
Pomme de Terre R.	P	69.1	Mouth	8,30N,18W	Polk	Webster	x	x	x			A	x		
Pond Cr.	P	4.0	Mouth	5,28N,23W	Greene		x	x	x			B	x		
Pond Cr.	P	1.3	Mouth	35,38N,3E	Washington		x	x	x			B	x		
Pond Cr.	C	1.0	Mouth	3,37N,3E	Washington		x	x	x			B	x		
Pond Cr.	C	3.0	Mouth	30,30N,33W	Jasper		x	x	x			B	x		
Pond Cr.	P	4.4	Mouth	11,29N,8E	Bollinger		x	x	x			B	x		
Pond Cr.	C	2.0	11,29N,8E	3,29N,8E	Bollinger		x	x	x			B	x		
Pond Fk.	P	4.2	Mouth	23,23N,16W	Ozark		x	x	x			B	x		
Pond Fk.	C	6.3	23,23N,16W	Taney Co. Line	Ozark		x	x	x			B	x		
Pond Spring Br.	P	2.6	Mouth	15,30N,08W	Texas		x	x	x			B	x		
Poney Cr.	P	3.9	Mouth	13,44N,33W	Cass		x	x	x			B	x		
Poney Cr.	C	8.3	13,44N,33W	State Line	Cass		x	x	x			B	x		
Poor Br.	C	3.0	Mouth	13,48N,3W	Montgomery		x	x	x			B	x		
Possum Hollow	C	1.0	Mouth	12,38N,17W	Camden		x	x	x			B	x		
Possum Hollow	P	1.4	28,27N,7E	22,27N,7E	Wayne		x	x	x			B	x		
Possum Hollow	C	1.0	22,27N,7E	16,27N,7E	Wayne		x	x	x			B	x		
Possum Trot Hollow	P	2.0	Mouth	16,35N,2W	Crawford		x	x	x			B	x		
Possum Trot Hollow	C	1.0	16,35N,2W	21,35N,2W	Crawford		x	x	x			B	x		
Possum Walk Cr.	C	4.2	Mouth	18,21N,13W	Ozark		x	x	x			B	x		
Post Oak Cr.	P	3.3	Mouth	22,46N,26W	Johnson		x	x	x			B	x		
Potters Cr.	P	4.4	Mouth	16,28N,10W	Texas		x	x	x			B	x		
Potters Cr.	C	1.4	16,28N,10W	22,28N,10W	Texas		x	x	x			B	x		
Prairie Cr.	C	1.5	Mouth	1,39N,5W	Crawford		x	x	x			B	x		
Prairie Cr.	C	4.3	Mouth	3,27N,15W	Douglas		x	x	x			B	x		
Prairie Cr.	C	3.7	Mouth	12,52N,35W	Platte		x	x	x			B	x		
Prairie Cr.	C	3.5	Mouth	35,39N,22W	Benton		x	x	x			B	x		
Prairie Cr.	C	2.0	Mouth	36,39N,11W	Maries		x	x	x			B	x		
Prairie Cr.	C	4.1	Mouth	04,32N,12W	Texas	Laclede	x	x	x			B	x		
Prairie Fk.	P	2.9	Mouth	8,47N,6W	Montgomery		x	x	x			B	x		
Prairie Fk.	C	5.0	8,47N,6W	10,47N,7W	Montgomery	Callaway	x	x	x			B	x		
Prairie Fk.	C	0.8	Mouth	21,44N,3W	Franklin		x	x	x			B	x		

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Prairie Fk.	C	3.9	Mouth	20,46N,9W	Callaway		x	x	x			B	x		
Prairie Hollow	P	6.8	Mouth	04,37N,18W	Camden		x	x	x			B	x		
Prairie Run Hollow	C	1.0	Mouth	25,25N,27W	Barry		x	x	x			B	x		
Presumed Use Streams	C	76.8	Lower Des Moines – 07100009	Lower Des Moines - Clark 07100009			x	x	x			B	x		
Presumed Use Streams	C	4,721.6	Lower Missouri-Moreau - 10300102	Lower Missouri-Moreau - 10300201	Gasconade	Saline	x	x	x			B	x		
Presumed Use Streams	C	840.1	Elk - 11070208	Elk - 11070208	McDonald	Barry	x	x	x			B	x		
Presumed Use Streams	C	893.9	Bear-Wyaconda - 07110001	Bear-Wyaconda - 07110001	Lewis	Scotland	x	x	x			B	x		
Presumed Use Streams	C	1,018.5	North Fabius - 07110002	North Fabius - 07110002	Marion	Schuylerville	x	x	x			B	x		
Presumed Use Streams	C	924.2	South Fabius - 07110003	South Fabius - 07110003	Marion	Schuylerville	x	x	x			B	x		
Presumed Use Streams	C	785.2	Tarkio-Wolf-10240005	Tarkio-Wolf-10240005	Holt	Atchison	x	x	x			B	x		
Presumed Use Streams	C	2,566.0	Upper Gasconade - 10290201	Upper Gasconade - 10290201	Pulaski	Webster	x	x	x			B	x		
Presumed Use Streams	C	1,406.5	The Sny - 07110004	The Sny - 07110004	Lincoln	Knox	x	x	x			B	x		
Presumed Use Streams	C	1,134.4	North Fork Salt - 07110005	North Fork Salt - 07110005	Monroe	Schuylerville	x	x	x			B	x		
Presumed Use Streams	C	1,572.7	South Fork Salt - 07110006	South Fork Salt - 07110006	Monroe	Callaway	x	x	x			B	x		
Presumed Use Streams	C	1,139.0	Salt - 07110007	Salt - 07110007	Pike	Monroe	x	x	x			B	x		
Presumed Use Streams	C	1,707.1	Cuivre - 07110008	Cuivre - 07110008	Lincoln	Audrain	x	x	x			B	x		
Presumed Use Streams	C	347.0	Peruque-Piasa - 07110009	Peruque-Piasa - 07110009	St. Charles	Warren	x	x	x			B	x		
Presumed Use Streams	C	1,027.6	Cahokia-Joachim - 07140101	Cahokia-Joachim - 07140101	Jefferson	St. Francois	x	x	x			B	x		
Presumed Use Streams	C	2,852.1	Meramec - 07140102	Meramec - 07140102	Jefferson	Dent	x	x	x			B	x		
Presumed Use Streams	C	1,033.2	Bourbeuse - 07140103	Bourbeuse - 07140103	Franklin	Phelps	x	x	x			B	x		
Presumed Use Streams	C	1,207.8	Big - 07140104	Big - 07140104	Jefferson	Washington	x	x	x			B	x		
Presumed Use Streams	C	1,009.6	Upper Mississippi-Cape Girardeau - 07140105	Upper Mississippi-Cape Girardeau - 07140105	Mississippi	Ste. Genevieve	x	x	x			B	x		
Presumed Use Streams	C	1,420.8	Whitewater - 07140107	Whitewater - 07140107	Cape Girardeau	St. Francois	x	x	x			B	x		
Presumed Use Streams	C	88.7	Lower Mississippi-Memphis - 08010100	Lower Mississippi-Memphis - 08010100	Pemiscot	Mississippi	x	x	x			B	x		
Presumed Use Streams	C	725.6	New Madrid-St. Johns - 08020201	New Madrid-St. Johns - 08020201	New Madrid	Scott	x	x	x			B	x		
Presumed Use Streams	C	1,508.7	Upper St. Francis - 08020202	Upper St. Francis - 08020202	Wayne	Iron	x	x	x			B	x		
Presumed Use Streams	C	644.3	Lower St. Francis - 08020203	Lower St. Francis - 08020203	Dunklin	Bollinger	x	x	x			B	x		

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Presumed Use Streams	C	2,934.7	Little River Ditches – 08020204	Little River Ditches - Dunklin 08020204	Bollinger		x	x	x			B	x		
Presumed Use Streams	C	25.0	Cache – 08020302	Cache - 08020302	Butler			x	x	x			B	x	
Presumed Use Streams	C	1,837.9	Lake of the Ozarks – 10290109	Lake of the Ozarks - Miller 10290109	Benton		x	x	x			B	x		
Presumed Use Streams	C	1,384.5	Niangua – 10290110	Niangua - 10290110	Camden	Webster	x	x	x			B	x		
Presumed Use Streams	C	1,254.3	Lower Osage – 10290111	Lower Osage - 10290111	Osage	Miller	x	x	x			B	x		
Presumed Use Streams	C	3.7	Keg-Weeping Water -10240001	Keg-Weeping Water -10240001	Atchison		x	x	x			B	x		
Presumed Use Streams	C	50.4	Nishnabotna-10240004	Nishnabotna-10240004	Atchison			x	x	x			B	x	
Presumed Use Streams	C	663.4	Nodaway-10240010	Nodaway-10240010	Andrew	Nodaway	x	x	x			B	x		
Presumed Use Streams	C	555.5	Independence-Sugar-10240011	Independence-Sugar-10240011	Buchanan	Andrew	x	x	x			B	x		
Presumed Use Streams	C	1,477.3	Platte-10240012	Platte-10240012	Platte	Nodaway	x	x	x			B	x		
Presumed Use Streams	C	453.2	One Hundred and Two-10240013	One Hundred and Two-10240013	Buchanan	Nodaway	x	x	x			B	x		
Presumed Use Streams	C	4,065.1	Upper Grand-10280101	Upper Grand-10280101	Livingston	Worth	x	x	x			B	x		
Presumed Use Streams	C	1,326.1	Thompson-10280102	Thompson-10280102	Livingston	Mercer	x	x	x			B	x		
Presumed Use Streams	C	2,941.5	Lower Grand-10280103	Lower Grand-10280103	Chariton	Livingston	x	x	x			B	x		
Presumed Use Streams	C	570.4	Upper Chariton-10280201	Upper Chariton-10280201	Adair	Putnam	x	x	x			B	x		
Presumed Use Streams	C	1,512.1	Lower Chariton-10280202	Lower Chariton-10280202	Chariton	Putnam	x	x	x			B	x		
Presumed Use Streams	C	765.1	Little Chariton-10280203	Little Chariton-10280203	Chariton	Adair	x	x	x			B	x		
Presumed Use Streams	C	567.3	Lower Marais Des Cygnes-10290102	Lower Marais Des Cygnes-10290102	Bates			x	x	x			B	x	
Presumed Use Streams	C	260.5	Little Osage-10290103	Little Osage-10290103	Vernon			x	x	x			B	x	
Presumed Use Streams	C	631.6	Marmaton-10290104	Marmaton-10290104	Vernon	Barton	x	x	x			B	x		
Presumed Use Streams	C	1,304.6	Harry S. Truman Reservoir-10290105	Harry S. Truman Reservoir-10290105	Benton	Vernon	x	x	x			B	x		
Presumed Use Streams	C	2,120.4	Sac-10290106	Sac-10290106	St. Clair	Dade	x	x	x			B	x		
Presumed Use Streams	C	962.2	Pomme De Terre-10290107	Pomme De Terre-10290107	Benton	Webster	x	x	x			B	x		

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Presumed Use Streams	C	2,739.2	South Grand-10290108	South Grand-10290108	Benton	Cass	x	x	x			B	x		
Presumed Use Streams	C	1,061.3	Big Piney - 10290202	Big Piney - 10290202	Pulaski	Texas	x	x	x			B	x		
Presumed Use Streams	C	1,448.0	Lower Gasconade - 10290203	Lower Gasconade - 10290203	Gasconade	Pulaski	x	x	x			B	x		
Presumed Use Streams	C	3,290.9	Lower Missouri Crooked - 10300101	Lower Missouri-Crooked - 10300101	Chariton	Clay	x	x	x			B	x		
Presumed Use Streams	C	1,423.0	Lamine - 10300103	Lamine - 10300103	Cooper	Morgan	x	x	x			B	x		
Presumed Use Streams	C	2,290.5	Blackwater - 10300104	Blackwater - 10300104	Cooper	Johnson	x	x	x			B	x		
Presumed Use Streams	C	1,941.5	Lower Missouri - 10300200	Lower Missouri - 10300200	St. Louis	Gasconade	x	x	x			B	x		
Presumed Use Streams	C	324.1	Beaver Reservoir - 11010001	Beaver Reservoir - 11010001	Taney	Barry	x	x	x			B	x		
Presumed Use Streams	C	1,888.7	James - 11010002	James - 11010002	Stone	Webster	x	x	x			B	x		
Presumed Use Streams	C	1,987.5	Bull Shoals Lake - 11010003	Bull Shoals Lake - 11010003	Ozark	Webster	x	x	x			B	x		
Presumed Use Streams	C	1,947.8	North Fork White - 11010006	North Fork White - 11010006	Ozark	Texas	x	x	x			B	x		
Presumed Use Streams	C	2,200.5	Upper Black - 11010007	Upper Black - 11010007	Butler	Iron	x	x	x			B	x		
Presumed Use Streams	C	3,483.5	Current - 11010008	Current - 11010008	Ripley	Texas	x	x	x			B	x		
Presumed Use Streams	C	142.1	Lower Black - 11010009	Lower Black - 11010009	Ripley		x	x	x			B	x		
Presumed Use Streams	C	665.6	Spring - 11010010	Spring - 11010010	Oregon	Howell	x	x	x			B	x		
Presumed Use Streams	C	1,520.0	Eleven Point - 11010011	Eleven Point - 11010011	Oregon	Howell	x	x	x			B	x		
Presumed Use Streams	C	1,518.1	Lake O' The Cherokees - 11070206	Lake O' The Cherokees - 11070206	Newton		x	x	x			B	x		
Presumed Use Streams	C	2,289.1	Spring - 11070207	Spring - 11070207	Jasper	Barry	x	x	x			B	x		
Price Br.	C	3.0	Mouth	34,34N,25W	Cedar		x	x	x			B	x		
Price Cr.	C	1.7	Mouth	27,40N,6W	Gasconade		x	x	x			B	x		
Prime Cr.	C	2.2	Mouth	31,46N,9W	Callaway		x	x	x			B	x		
Primrose Cr.	C	2.0	Mouth	22,38N,4E	St. Francois		x	x	x			B	x		
Profits Cr.	C	2.0	Mouth	24,42N,12W	Cole		x	x	x			B	x		
Province Br.	P	1.2	Mouth	2,29N,25W	Lawrence		x	x	x			B	x		
Pruett Cr.	P	1.7	Mouth	16,38N,5W	Crawford		x	x	x			B	x		
Pruett Cr.	C	1.2	16,38N,5W	9,38N,5W	Crawford		x	x	x			B	x		
Pryor Cr.	C	3.2	Mouth	08,37N,32W	Vernon		x	x	x			B	x		
Pucket Br.	C	1.2	Mouth	12,38N,1E	Washington		x	x	x			B	x		
Pump Hollow	C	2.0	Mouth	16,40N,2W	Crawford		x	x	x			B	x		
Punch Cr.	C	1.3	Mouth	6,31N,9E	Bollinger		x	x	x			B	x		
Puncheon Cr.	C	2.9	Mouth	36,44N,6W	Gasconade		x	x	x			B	x		
Purckett Br.	C	3.2	Mouth	05,35N,25W	St. Clair	Cedar	x	x	x			B	x		

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Puzzle Cr.	C	12.5	Mouth	25,57N,17W	Chariton	Macon	x	x	x			B	x		
Pyatt Hollow	C	2.0	Mouth	13,36N,3W	Crawford		x	x	x			B	x		
Quick Cr.	P1	1.8	Mouth	Sur 2658,46N,5W	Montgomery		x	x	x			B	x		
Quick Cr.	C	2.0	Sur 2658,46N,5W	32,46N,5W	Montgomery		x	x	x			B	x		
Rabbit Hollow	C	1.5	Mouth	14,38N,1E	Washington		x	x	x			B	x		
Raccoon Cr.	C	3.7	Mouth	5,61N,25W	Grundy		x	x	x			B	x		
Raccoon Hollow	C	1.0	Mouth	16,24N,11W	Ozark		x	x	x			B	x		
Race Cr.	P	0.5	Mouth	21,37N,1E	Washington		x	x	x			B	x		
Ragan Br.	C	4.3	Mouth	20,36N,07W	Phelps		x	x	x			B	x		
Railey Cr.	C	7.4	Mouth	Reeds Spring	Stone		x	x	x			B	x		
Rainy Cr.	P	2.5	Mouth	7,39N,19W	Camden		x	x	x			A	x		
Rainy Cr.	C	1.5	7,39N,19W	13,39N,20W	Camden	Benton	x	x	x			B	x		
Ramsey Br.	P	6.5	Mouth	33,31N,13E	Cape Girardeau		x	x	x			B	x		
Ramsey Br.	C	1.0	33,31N,13E	28,31N,13E	Cape Girardeau		x	x	x			B	x		
Ramsey Cr.	C	8.9	Mouth	Sur 1709(9), 52N,1E	Pike		x	x	x			B	x		
Ramsey Cr.	P	6.3	Mouth	20,29N,14E	Scott		x	x	x			B	x		
Ramsey Cr. Div. Chan.	P	3.0	Mouth	1,29N,13E	Scott		x	x	x			B	x		
Rattlesnake Cr.	C	3.0	Mouth	3,56N,25W	Livingston		x	x	x			B	x		
Red Oak Cr.	P	5.2	Mouth	28,42N,4W	Franklin	Gasconade	x	x	x			B	x		
Red Oak Cr.	C	10.0	28,42N,4W	16,41N,5W	Gasconade		x	x	x			B	x		
Reed Cr.	C	2.7	Mouth	11,37N,32W	Vernon		x	x	x			B	x		
Reese Fk.	C	7.0	Mouth	28,53N,12W	Monroe		x	x	x			B	x		
Reid Cr.	C	2.6	Mouth	5,38N,27W	St. Clair		x	x	x			B	x		
Reid Cr.	C	2.0	Mouth	Sur 1812,51N,2W	Lincoln		x	x	x			B	x		
Reid Cr.	C	2.3	Mouth	Sur 3093,35N,3E	Washington	Iron	x	x	x				x		
Reisobel Br.	C	1.2	Mouth	21,40N,6W	Gasconade		x	x	x			B	x		
Renfro Cr.	C	1.5	Mouth	14,49N,11W	Callaway		x	x	x			B	x		
Richland Cr.	C	0.5	Mouth	6,44N,6W	Gasconade		x	x	x			B	x		
Richland Cr.	C	4.3	Mouth	29,48N,9W	Callaway		x	x	x			B	x		
Richland Cr.	P	5.1	Mouth	Hwy. 87	Howard		x	x	x			B	x		
Richland Cr.	C	2.0	Hwy. 87	16,50N,17W	Howard		x	x	x			B	x		
Richland Cr.	P	8.7	13,45N,19W	17,44N,18W	Morgan		x	x	x			A	x		
Richland Cr.	C	10.0	17,44N,18W	22,43N,18W	Morgan		x	x	x			A	x		
Ricky Cr.	C	7.8	Mouth	14,39N,28W	St. Clair		x	x	x			B	x		
Riggin Br.	C	1.9	Mouth	21,60N,35W	Andrew		x	x	x			B	x		
Rings Cr.	P	5.2	Mouth	23,29N,4E	Wayne		x	x	x			A	x		
Rings Cr.	C	1.1	23,29N,4E	27,29N,4E	Wayne		x	x	x			B	x		
Rippee Cr.	P	4.5	Mouth	13,25N,15W	Douglas		x	x	x			B	x		
Rippee Cr.	C	2.0	13,25N,15W	14,25N,15W	Douglas		x	x	x			B	x		
Rising Cr.	P	1.2	Mouth	Sur 5616,44N,10W	Cole		x	x	x			B	x		
Rising Cr.	C	4.4	19,44N,10W	36,44N,11W	Cole		x	x	x			B	x		
Rivaux Cr.	P1	2.2	Mouth	21,44N,10W	Callaway		x	x	x			B	x		
Rivaux Cr.	C	3.5	21,44N,10W	8,44N,10W	Callaway		x	x	x			B	x		
River aux Vases	P	21.6	Mouth	12,36N,7E	Ste. Genevieve		x	x	x			A	x		
River aux Vases	C	7.1	12,36N,7E	27,36N,7E	Ste. Genevieve		x	x	x			B	x		
River des Peres	P	2.6	Mouth	Sur 1339,44N,6E	St. Louis City		x	x	x				x		

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River des Peres	P	3.7	Sur 1339,44N,6E	Sur 2037,45N,6E	St. Louis City		x	x	x				x		
River des Peres	C	13.6	Landgrant02037	Landgrant03042	St. Louis		x	x	x			B	x		
Roach Lake Cr.	C	0.7	Mouth	30,57N,24W	Livingston		x	x	x			B	x		
Roaring R.	P	6.5	Mouth	27,22N,27W	Barry		x	x	x		x	A	x		
Roaring Springs	P	0.1	Mouth	35,33N,10W	Texas		x	x	x			B	x		
Roark Br.	C	1.3	Mouth	23,43N,14W	Cole		x	x	x			B	x		
Roark Cr.	C	2.7	Mouth	36,23N,22W	Taney		x	x	x		x	A	x		
Roark Cr.	C	4.0	36,23N,22W	15,23N,22W	Taney		x	x	x			A	x		
Roberts Br.	C	2.0	Mouth	5,54N,32W	Clinton		x	x	x			B	x		
Robinson Br.	C	2.0	Mouth	30,36N,29W	Vernon		x	x	x			B	x		
Robinson Creek	P	3.1	Mouth	Hwy B	Phelps		x	x	x			B	x		
Rock Br.	C	3.1	Mouth	25,36N,3W	Crawford		x	x	x			B	x		
Rock Br.	P	2.0	State Line	12,26N,34W	Newton		x	x	x			B	x		
Rock Cr.	C	1.0	Mouth	19,43N,11W	Cole		x	x	x			A	x		
Rock Cr.	C	3.0	Mouth	24,33N,12W	Texas		x	x	x			B	x		
Rock Creek	P	5.8	Mouth	Landgrant02970	Jefferson		x	x	x			A	x		
Rock Cr.	C	3.0	Sur 2970,42N,5E	Sur 1974,43N,5E	Jefferson		x	x	x			A	x		
Rock Cr.	P	2.2	Mouth	30,64N,41W	Atchison		x	x	x			B	x		
Rock Cr.	C	19.0	30,64N,41W	17,66N,40W	Atchison		x	x	x			B	x		
Rock Cr.	P	2.6	36,22N,26W	24,22N,26W	Barry		x	x	x			B	x		
Rock Cr.	C	4.6	24,22N,26W	8,22N,26W	Barry		x	x	x			B	x		
Rock Cr.	P	2.9	Mouth	16,33N,5E	Madison		x	x	x			B	x		
Rock Cr.	C	1.1	16,33N,5E	17,33N,5E	Madison		x	x	x			B	x		
Rock Cr.	C	3.4	Mouth	31,53N,31W	Clay		x	x	x			B	x		
Rock Cr.	C	4.8	Mouth	34,62N,12W	Knox		x	x	x			B	x		
Rock Cr.	P	0.5	Mouth	9,45N,13W	Cole		x	x	x			B	x		
Rock Cr.	C	4.0	9,45N,13W	18,45N,13W	Cole		x	x	x			B	x		
Rock Creek	P	0.8	Mouth	19,34N,7E	Madison		x	x	x			B	x		
Rock Creek	C	3.7	20,34N,7E	11,34N,7E	Madison	St. Francois	x	x	x			B	x		
Rock Enon Cr.	C	3.3	Mouth	14,43N,15W	Moniteau		x	x	x			B	x		
Rockhouse Cr.	P	2.8	Mouth	14,23N,26W	Barry		x	x	x			B	x		
Rockhouse Cr.	C	4.3	14,23N,26W	28,23N,26W	Barry		x	x	x			B	x		
Rocky Br.	C	3.2	Mouth	11,52N,33W	Clay		x	x	x			B	x		
Rocky Br.	C	1.6	Mouth	10,32N,10W	Texas		x	x	x			x			
Rocky Br.	C	0.4	Mouth	23,39N,02E	Washington		x	x	x			B	x		
Rocky Br.	C	1.7	Mouth	16,43N,16W	Moniteau		x	x	x			B	x		
Rocky Cr.	P	2.4	Mouth	6,28N,2W	Shannon		x	x	x			B	x		
Rocky Cr.	C	2.7	Mouth	7,28N,8E	Wayne	Bollinger	x	x	x			B	x		
Rocky Fk.	C	11.3	Mouth	36,50N,13W	Boone		x	x	x			B	x		
Rocky Fk.	C	0.1	Mouth	04,35N,01W	Washington		x	x	x			B	x		
Rocky Fk.	C	4.0	Mouth	19,53N,28W	Ray		x	x	x			B	x		
Rocky Ford. Cr.	P	3.0	Mouth	21,42N,18W	Morgan		x	x	x			B	x		
Rocky Hollow	C	1.2	Mouth	08,35N,29W	Vernon		x	x	x			B	x		
Rodgers Cr.	C	1.0	Mouth	7,39N,10W	Maries		x	x	x			B	x		
Rogers Cr.	C	9.6	Mouth	28,28N,02W	Carter		x	x	x			A	x		

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Rollins Cr.	C	1.3	Mouth	16,38N,14W	Miller		x	x	x			B	x		
Rollins Cr.	C	7.0	Mouth	13,51N,29W	Ray		x	x	x					x	
Rose Branch	C	4.3	Mouth	31,52N,30W	Clay		x	x	x			B	x		
Ross Cr.	P	3.0	Mouth	13,41N,21W	Benton		x	x	x			B	x		
Roth Cr.	C	1.8	Mouth	07,42N,01W	Franklin		x	x	x			B	x		
Roubidoux Cr.	P	4.0	Mouth	25,36N,12W	Pulaski		x	x	x	x		A	x		
Roubidoux Cr.	C	22.9	25,36N,12W	11,34N,12W	Pulaski		x	x	x	x		A	x		
Roubidoux Cr.	P	30.5	11,34N,12W	4,31N,11W	Pulaski	Texas	x	x	x	x		A	x		
Rubeneau Br.	C	1.8	Mouth	Sur 2115,37N,3E	Washington		x	x	x			B	x		
Rush Cr.	P	4.5	Mouth	22,51N,34W	Platte		x	x	x			B	x		
Rush Cr.	P	8.2	Mouth	5,51N,31W	Clay		x	x	x			A	x		
Rutledge Run	C	2.2	Mouth	15,35N,2E	Washington		x	x	x			B	x		
Rye Cr.	P	2.8	Mouth	23,41N,1E	Franklin		x	x	x			B	x		
Rye Cr.	C	1.0	23,41N,1E	26,41N,1E	Franklin		x	x	x			B	x		
S. Ashley Cr.	P	5.0	Mouth	8,31N,7W	Dent	Texas	x	x	x			B	x		
S. Ashley Cr.	C	2.0	9,31N,7W	18,31N,7W	Texas		x	x	x			B	x		
S. Big Cr.	C	5.6	Mouth	Lake Viking Dam	Daviess		x	x	x			B	x		
S. Blackbird Cr.	C	13.0	Mouth	18,65N,18W	Putnam		x	x	x			B	x		
S. Bridges Cr.	C	4.0	Mouth	13,22N,11W	Ozark		x	x	x			B	x		
S. Brush Cr.	C	2.0	Mouth	12,53N,9W	Monroe		x	x	x			B	x		
S. Davis Cr.	C	4.6	Mouth	22,48N,27W	Lafayette		x	x	x			B	x		
S. Deepwater Cr.	C	11.9	Mouth	20,40N,29W	Bates		x	x	x			B	x		
S. Dry Sac R.	P	2.0	Mouth	3,29N,22W	Greene		x	x	x			B	x		
S. Dry Sac R.	C	4.2	3,29N,22W	5,29N,21W	Greene		x	x	x			A	x		
S. Fabius R.	P	80.6	Mouth	29,62N,11W	Marion	Knox	x	x	x			B	x		
S. Fk. Apple Cr.	P	5.5	Mouth	34,34N,10E	Cape Girardeau	Perry	x	x	x			B	x		
S. Fk. Apple Cr.	C	1.0	34,34N,10E	4,33N,10E	Perry		x	x	x			B	x		
S. Fk. Blackwater R.	P	5.7	Mouth	19,46N,27W	Johnson		x	x	x			B	x		
S. Fk. Blackwater R.	C	15.1	19,46N,27W	30,47N,28W	Johnson		x	x	x			B	x		
S. Fk. Bratten Spring Cr.	C	1.8	Mouth	19,22N,14W	Ozark		x	x	x			B	x		
S. Fk. Brush Cr.	C	5.5	Mouth	03,34N,24W	Polk		x	x	x			B	x		
S. Fk. Buffalo Cr.	P	2.0	Mouth	30,24N,1E	Ripley		x	x	x	x		B	x		
S. Fk. Buffalo Cr.	C	4.7	30,24N,1E	34,24N,1W	Ripley		x	x	x	x		B	x		
S. Fk. Capps Cr.	C	4.3	Mouth	27,25N,28W	Barry		x	x	x			B	x		
S. Fk. Clear Cr.	C	6.0	Mouth	21,65N,36W	Nodaway		x	x	x			B	x		
S. Fk. Gees Cr.	C	2.8	Mouth	2,59N,25W	Livingston		x	x	x			B	x		
S. Fk. Isle Du Bois Cr.	C	4.0	Mouth	36,39N,6E	Ste. Genevieve		x	x	x			A	x		
S. Fk. Jonea Cr.	C	2.0	8,36N,7E	18,36N,7E	Ste. Genevieve		x	x	x			B	x		
S. Fk. M. Fabius R.	P	14.8	22,64N,12W	31,65N,13W	Scotland	Schuyler	x	x	x			B	x		
S. Fk. M. Fabius R.	C	13.0	31,65N,13W	Hwy. 63	Schuyler		x	x	x			B	x		
S. Fk. N. Fabius R.	C	11.5	Mouth	27,67N,15W	Schuyler		x	x	x			B	x		
S. Fk. Pomme de Terre R.	P	5.0	Mouth	25,30N,20W	Greene		x	x	x			A	x		
S. Fk. S. Fabius R.	P	7.9	29,62N,11W	9,62N,12W	Knox		x	x	x			B	x		
S. Fk. S. Fabius R.	C	18.3	9,62N,12W	13,63N,14W	Knox	Adair	x	x	x			B	x		
S. Fk. S. Grand R.	C	14.2	Mouth	34,44N,33W	Cass		x	x	x			B	x		
S. Fk. Saline Cr.	P	23.2	Mouth	27,35N,9E	Perry		x	x	x	x		B	x	x	x
S. Fk. Salt R.	P	9.3	Mouth	Audrain Co. Line	Monroe		x	x	x			B	x		

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S. Fk. Salt R.	C	40.1	29,53N,8W	5,49N,8W	Monroe	Callaway	x	x	x			B	x		
S. Fk. Spring Cr.	C	1.5	Mouth	13,26N,10W	Howell		x	x	x			B	x		
S. Fk. Spring R.	P	4.2	State Line	26,22N,8W	Howell		x	x	x			B	x		
S. Fk. Spring R.	C	11.0	26,22N,8W	32,23N,8W	Howell		x	x	x			B	x		
S. Fk. Turkey Cr.	C	4.5	21,35N,25W	34,35N,25W	Cedar		x	x	x			A	x		
S. Fk. Weaubleau Cr.	C	7.3	Mouth	20,36N,24W	St. Clair		x	x	x			A	x		
S. Flat Cr.	C	0.9	27,43N,22W	27,43N,22W	Benton		x	x	x			B	x		
S. Flat Cr.	P	8.2	Mouth	27,43N,22W	Pettis	Benton	x	x	x			B	x		
S. Grand R.	P	66.8	Mouth	02,44N,33W	Henry	Cass	x	x	x			B	x	x	
S. Indian Cr.	P	8.7	Mouth	1,23N,30W	Newton	McDonald	x	x	x		x	B	x		
S. Moreau Cr.	P	21.1	1,43N,13W	29,43N,14W	Cole		x	x	x			A	x		
S. Moreau Cr.	C	10.2	29,43N,14W	7,42N,15W	Cole	Miller	x	x	x			A	x		
S. Moreau Cr.	C	6.5	7,42N,15W	36,42N,15W	Miller		x	x	x			B	x		
S. Mud Cr.	C	3.8	Mouth	2,54N,27W	Ray		x	x	x			B	x		
S. Prong Beaverdam Cr.	C	7.2	Mouth	27,25N,3E	Ripley		x	x	x			B	x		
S. Prong Jacks Fk.	P	7.0	Mouth	21,28N,8W	Texas		x	x	x			B	x		
S. Prong Jacks Fk.	C	4.5	21,28N,8W	14,28N,9W	Texas		x	x	x			B	x		
S. Prong L. Black R.	P	5.5	Mouth	Hwy. 21	Ripley		x	x	x			B	x		
S. Prong L. Black R.	C	6.0	Hwy. 21	33,25N,2E	Ripley		x	x	x			B	x		
S. Rock Br.	C	3.2	Mouth	14,35N,3W	Crawford		x	x	x			B	x		
S. Spencer Cr.	C	9.3	Mouth	6,53N,4W	Ralls	Pike	x	x	x			B	x		
S. Spring Cr.	P	4.0	Mouth	23,25N,16W	Douglas		x	x	x			B	x		
S. Wyaconda R.	P	9.7	26,65N,9W	4,65N,10W	Clark	Scotland	x	x	x			B	x	x	
S. Wyaconda R.	C	17.5	4,65N,10W	32,67N,12W	Scotland		x	x	x			B	x		
Sac R.	P	48.8	Mouth	Stockton Lake Dam	St. Clair	Cedar	x	x	x			A	x		
Sac R.	P	35.0	1,31N,26W	15,29N,24W	Dade	Greene	x	x	x			A	x		
Sac R.	C	3.5	15,29N,24W	19,29N,23W	Greene		x	x	x			B	x		
Sadler Br.	C	0.8	Mouth	17,35N,24W	Polk		x	x	x			B	x		
Saint Francis River	P	89.3	35,29N,5E	16,35N,4E	Wayne	St. Francois	x	x	x	x		A	x		
Salem Cr.	C	2.0	Mouth	26,37N,5E	St. Francois		x	x	x				x		
Salem Springs Cr.	C	1.0	Mouth	11,32N,17W	Laclede		x	x	x			B	x		
Saline Cr.	P	13.8	Mouth	10,41N,15W	Miller		x	x	x			A	x		
Saline Cr.	P	11.0	Mouth	13,36N,9E	Ste. Genevieve	Perry	x	x	x			A	x		
Saline Cr.	P	15.0	13,36N,9E	16,35N,8E	Ste. Genevieve		x	x	x	x		A	x		
Saline Cr.	C	4.0	16,35N,8E	11,35N,7E	Ste. Genevieve		x	x	x			B	x		
Saline Cr.	P	4.3	Mouth	32,35N,3E	Iron		x	x	x			B	x		
Saline Cr.	P	1.8	Mouth	Sur 3011,43N,5E	Jefferson		x	x	x			B	x		
Saline Cr.	P	5.8	Mouth	12,33N,7E	Madison		x	x	x			B	x		
Saline Cr.	C	1.1	12,33N,7E	7,33N,7E	Madison		x	x	x			B	x		
Saline Creek	C	6.6	Landgrant03011	14,43N,4E	Jefferson		x	x	x			B	x		
Saline Creek	C	5.8	Mouth	16,39N,6E	Jefferson		x	x	x			B	x		
Saline Creek tributary	C	0.6	Mouth	Landgrant01331	Jefferson		x	x	x			B	x		
Salley Br.	C	0.1	Mouth	27,39N,22W	Benton		x	x	x			B	x		
Sals Cr.	C	1.5	Mouth	14,29N,13E	Scott		x	x	x			B	x		
Sals Cr. Div. Chan.	C	2.7	Mouth	3,29N,13E	Scott		x	x	x			B	x		
Salt Br.	C	5.7	Mouth	35,53N,21W	Saline		x	x	x			B	x		
Salt Br.	C	7.2	Mouth	20,50N,22W	Saline		x	x	x			B	x		

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Salt Cr.	C	5.0	Mouth	9,38N,26W	St. Clair		x	x	x			B	x		
Salt Cr.	C	14.9	Mouth	25,55N,20W	Chariton		x	x	x			B	x		
Salt Cr.	P1	3.0	Mouth	33,49N,15W	Howard		x	x	x			B	x		
Salt Cr.	C	10.0	33,49N,15W	31,50N,15W	Howard		x	x	x			B	x		
Salt Cr.	P	3.1	Mouth	6,49N,17W	Howard		x	x	x			B	x		
Salt Fk.	C	7.2	Mouth	2,51N,15W	Howard		x	x	x			B	x		
Salt Fk.	P	26.7	Mouth	28,51N,22W	Saline		x	x	x			B	x		
Salt Fk.	C	18.6	28,51N,22W	29,50N,24W	Saline	Lafayette	x	x	x			B	x		
Salt Pine Cr.	C	1.2	Mouth	5,38N,3E	Washington		x	x	x			B	x		
Salt Pond Cr.	P	3.6	Mouth	25,49N,23W	Saline		x	x	x			B	x		
Salt Pond Cr.	C	2.4	25,49N,23W	14,49N,23W	Saline		x	x	x			B	x		
Salt R.	P1	9.3	Re-Reg Dam	Cannon Dam	Ralls		x	x	x			A	x	x	
Salt R.	P1	15.0	Mouth	Hwy. 79	Pike		x	x	x			A	x		
Salt R.	P	29.0	Hwy. 79	Re-Reg Dam	Pike	Ralls	x	x	x			A	x	x	
Sampson Cr.	P	13.5	Mouth	19,62N,29W	Daviess	Harrison	x	x	x			B	x		
Sampson Cr.	C	5.6	19,62N,29W	1,62N,30W	Gentry		x	x	x			B	x		
Sand Cr.	C	15.0	Mouth	12,43N,26W	Henry		x	x	x			B	x		
Sand Cr.	C	4.9	Mouth	11,64N,37W	Nodaway		x	x	x			B	x		
Sand Cr.	C	1.8	Mouth	34,36N,06E	St. Francois		x	x	x			B	x		
Sand Cr.	P	1.6	Mouth	18,42N,4E	Jefferson		x	x	x			B	x		
Sand Cr.	C	2.4	Mouth	36,65N,16W	Schuylerville		x	x	x			B	x		
Sand Hollow	C	0.3	Mouth	24,31N,10W	Texas		x	x	x			B	x		
Sand Run	C	2.0	Mouth	24,48N,1W	Lincoln		x	x	x			B	x		
Sandy Cr.	C	7.0	Mouth	27,52N,2W	Lincoln	Pike	x	x	x			B	x		
Sandy Cr.	C	1.3	Mouth	1,34N,10E	Perry		x	x	x				x		
Sandy Cr.	P	2.4	Mouth	11,33N,11E	Cape Girardeau		x	x	x			B	x		
Sandy Cr.	C	0.5	11,33N,11E	3,33N,11E	Cape Girardeau		x	x	x			B	x		
Sandy Cr.	C	6.0	Mouth	23,51N,5W	Montgomery	Audrain	x	x	x			B	x		
Sandy Cr.	C	13.8	Mouth	25,50N,1E	Lincoln		x	x	x			B	x		
Sandy Cr.	C	11.6	Mouth	15,65N,25W	Harrison	Mercer	x	x	x			B	x		
Sandy Cr.	C	3.0	Mouth	19,66N,17W	Putnam		x	x	x			B	x		
Sandy Creek	C	15.2	Mouth	34,41N,4E	Jefferson		x	x	x			B	x		
Sandy Creek tributary	C	0.9	Mouth	Landgrant01976	Jefferson		x	x	x			B	x		
Sandy Creek tributary	C	4.2	Mouth	32,41N,5E	Jefferson		x	x	x			B	x		
Sandy Creek tributary	C	1.1	Mouth	22,41N,5E	Jefferson		x	x	x			B	x		
Sandy Creek tributary	C	1.2	Mouth	Landgrant02025	Jefferson		x	x	x			B	x		
Sanford Cr.	C	1.0	Mouth	4,43N,10W	Cole		x	x	x			B	x		
Sara Br.	C	2.5	Mouth	01,32N,18W	Webster		x	x	x			B	x		
Sardine Cr.	C	1.8	Mouth	2,29N,25W	Lawrence		x	x	x			B	x		
Sawmill Hollow	C	2.6	Mouth	17,24N,11W	Ozark		x	x	x			B	x		
Sawyer Cr.	P	5.5	Mouth	1,28N,20W	Greene		x	x	x			B	x		
Schawanee Spr. Br.	C	2.8	Mouth	5,34N,11E	Perry		x	x	x			B	x		
School Hollow Cr.	P	1.3	Mouth	08,41N,09W	Osage		x	x	x			B	x		
Schoolhouse Hollow	C	0.3	Mouth	19,31N,09W	Texas		x	x	x			B	x		
Schote Creek	C	2.9	Mouth	Landgrant01669	St. Charles		x	x	x			B	x		
Schulte Cr.	P	0.5	Mouth	8,43N,5W	Gasconade		x	x	x			B	x		
Schultz Cr.	C	5.0	Mouth	10,32N,21W	Polk		x	x	x			B	x		

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Scoggins Branch	C	1.6	Mouth	3,32N,3E	Iron		x	x	x			B	x		
Scott Br.	C	1.5	Mouth	21,37N,2W	Crawford		x	x	x			B	x		
Scott Br.	C	1.2	Mouth	5,37N,1E	Washington		x	x	x			B	x		
Scott Br.	C	0.5	Mouth	5,44N,15W	Moniteau		x	x	x					x	
Second Cr.	P	8.0	Mouth	12,43N,6W	Gasconade		x	x	x			B	x		
Second Cr.	C	6.5	12,43N,6W	Hwy. 19	Gasconade		x	x	x			B	x		
Second Cr.	C	11.5	Mouth	29,52N,33W	Clay	Platte	x	x	x			B	x		
Second Nicolson Cr.	P	4.5	4,32N,33W	18,32N,33W	Barton		x	x	x			B	x		
Sees Creek	P	1.0	Mouth	15,57N,7W	Marion		x	x	x			B	x		
Sees Creek	C	1.3	15,57N,7W	22,57N,7W	Marion		x	x	x			B	x		
Sellars Cr.	C	3.5	Mouth	6,36N,14W	Camden		x	x	x			A	x		
Sellers Hollow	C	5.3	Mouth	7,37N,15W	Camden		x	x	x			B	x		
Selph Br.	P	1.0	Mouth	23,31N,20W	Greene		x	x	x			B	x		
Selvage Hollow	C	2.4	Mouth	21,33N,16W	Laclede		x	x	x			B	x		
Sewer Branch	C	6.6	Mouth	34,46N,21W	Pettis		x	x	x			B	x		
Seymour Br. Hazel Cr.	C	0.5	Mouth	20,36N,1E	Washington		x	x	x			B	x		
Shackelford Br.	C	5.9	Mouth	21,52N,29W	Ray		x	x	x			B	x		
Shady Creek	C	9.4	Mouth	14,52N,5W	Pike		x	x	x				x		
Shady Grove Creek	C	1.9	Mouth	31,45N,6E	St. Louis		x	x	x			B	x		
Shain Cr.	C	13.0	Mouth	Hwy. 46	Harrison		x	x	x			B	x		
Sharpsburg Br.	C	1.5	Mouth	28,57N,8W	Marion		x	x	x			B	x		
Sharpsburg Branch tributary	C	3.2	Mouth	18,56N,7W	Marion	Monroe	x	x	x			B	x		
Sharpsburg Branch tributary	C	0.2	Mouth	13,56N,8W	Monroe		x	x	x			B	x		
Shaver Cr.	P	15.1	Mouth	06,45N,20W	Pettis		x	x	x			B	x		
Shaw Br.	C	1.2	Mouth	Sur 3272,36N,5E	St. Francois		x	x	x				x		
Shawnee Cr.	P	3.2	Mouth	8,33N,13E	Cape Girardeau		x	x	x			B	x		
Shawnee Cr.	P	2.0	Mouth	30,29N,3W	Shannon		x	x	x			B	x		
Shawnee Cr.	C	6.5	30,29N,03W	19,28N,03W	Shannon		x	x	x			B	x		
Shawnee Cr.	P	4.5	Mouth	9,45N,7W	Gasconade	Osage	x	x	x			B	x		
Shawnee Cr.	C	1.5	9,45N,7W	16,45N,7W	Osage		x	x	x			B	x		
Shays Cr.	C	1.7	Mouth	33,34N,7E	Madison		x	x	x			B	x		
Sheep Cr.	C	1.0	Mouth	1,56N,29W	Caldwell		x	x	x				x		
Shell Br.	C	5.3	Mouth	8,55N,8W	Monroe		x	x	x			B	x		
Shetley Cr.	P	4.0	Mouth	12,31N,7E	Madison		x	x	x			B	x		
Shetley Cr.	C	2.7	12,31N,7E	2,31N,7E	Madison		x	x	x			B	x		
Shibboleth Br.	P	1.0	Mouth	14,38N,3E	Washington		x	x	x			B	x		
Shibboleth Br.	C	3.0	14,38N,3E	21,38N,3E	Washington		x	x	x			B	x		
Shipley Slough	C	2.5	35,19N,9E	24,19N,9E	Dunklin		x	x	x			B	x		
Shoal Cr.	P	7.7	Mouth	27,36N,2W	Crawford		x	x	x			A	x		
Shoal Cr.	C	3.0	27,36N,2W	10,35N,2W	Crawford		x	x	x			B	x		
Shoal Cr.	C	3.1	Mouth	31,22N,17W	Taney		x	x	x			A	x		
Shoal Cr.	P	10.3	Mouth	27,51N,32W	Clay		x	x	x			B	x		
Shoal Cr.	C	10.6	27,51N,32W	2,51N,33W	Clay		x	x	x			B	x		
Shoal Cr.	P	54.6	Mouth	25,56N,28W	Livingston	Caldwell	x	x	x			A	x	x	
Shoal Cr.	C	34.0	25,56N,28W	5,55N,30W	Caldwell	Clinton	x	x	x			B	x		
Shoal Cr.	C	17.4	Mouth	5,66N,17W	Putnam		x	x	x			B	x		

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Shoal Cr. Ditch	C	9.8	27,57N,24W	28,56N,25W	Livingston		x	x	x			B	x		
Shoal Creek	P	50.2	State Line	10,25N,29W	Newton		x	x	x	x		A	x	x	x
Shoal Creek	P	0.5	10,25N,29W	15,25N,29W	Newton		x	x	x		x	A	x		
Shoal Creek	P	15.7	15,25N,29W	12,23N,29W	Newton	Barry	x	x	x	x		A	x		
Shoal Creek	C	7.4	12,23N,29W	4,22N,28W	Barry		x	x	x			B	x		
Shoal Creek tributary	C	1.9	Mouth	17,27N,33W	Jasper		x	x	x			B	x		
Shoal Creek tributary	C	2.2	Mouth	15,27N,33W	Jasper		x	x	x			B	x		
Shootman Cr.	C	1.5	Mouth	6,53N,22W	Carroll		x	x	x			B	x		
Short Cr.	P	2.9	Mouth	30,22N,21W	Taney		x	x	x			B	x		
Short Cr.	C	0.9	30,22N,21W	36,22N,22W	Taney		x	x	x			B	x		
Shrum Cr.	P	1.7	Mouth	6,33N,10E	Bollinger		x	x	x			B	x		
Shrum Cr.	C	1.0	6,33N,10E	County Line	Bollinger		x	x	x			B	x		
Shuld Br.	C	2.0	Mouth	23,28N,9W	Texas		x	x	x			B	x		
Shuteye Cr.	C	4.5	Mouth	31,64N,16W	Adair		x	x	x			B	x		
Shut-in Cr.	P	1.8	Mouth	6,33N,2E	Reynolds		x	x	x			B	x		
Shut-in Cr.	C	3.3	6,33N,2E	20,34N,2E	Iron		x	x	x			B	x		
Shuyler Cr.	P	3.6	Mouth	28,28N,23W	Greene		x	x	x			B	x		
Silver Cr.	P	1.9	Mouth	25,27N,33W	Newton		x	x	x			B	x		
Silver Cr.	C	1.8	Mouth	01,23N,21W	Taney		x	x	x			B	x		
Silver Cr.	C	8.4	Mouth	34,53N,15W	Chariton	Randolph	x	x	x			B	x		
Silver Cr.	P	1.3	Mouth	9,23N,20W	Taney		x	x	x			B	x		
Silver Fk.	C	30.0	Mouth	33,51N,11W	Boone		x	x	x			A	x		
Silver Lake Br.	C	2.0	Mouth	13,26N,23W	Stone		x	x	x			B	x		
Simms Cr.	C	2.6	Mouth	15,37N,27W	St. Clair		x	x	x			B	x		
Simpson Br.	C	2.0	Mouth	6,38N,2E	Washington		x	x	x			B	x		
Sims Br.	C	1.3	Mouth	26,31N,22W	Greene		x	x	x			B	x		
Sinking Cr.	P	2.3	Mouth	10,30N,26W	Dade		x	x	x			B	x		
Sinking Cr.	C	2.0	10,30N,26W	12,30N,26W	Dade		x	x	x			B	x		
Sinking Cr.	P	5.2	12,30N,26W	16,30N,25W	Dade		x	x	x			B	x		
Sinking Cr.	P	24.0	Mouth	8,32N,3W	Shannon	Dent	x	x	x	x		A	x		
Sinking Cr.	P	19.9	Mouth	19,31N,1E	Reynolds		x	x	x			B	x		
Sitton Br.	P	0.8	Mouth	12,50N,2W	Lincoln		x	x	x			B	x		
Sitton Br.	C	2.8	12,50N,2W	10,50N,2W	Lincoln		x	x	x			B	x		
Skinner Cr.	C	1.3	Mouth	09,42N,03W	Franklin		x	x	x			B	x		
Skull Cr.	C	0.5	Mouth	10,47N,19W	Cooper		x	x	x			B	x		
Skullbones Cr.	C	1.1	Mouth	35,42N,03E	Jefferson		x	x	x			B	x		
Skullbones Creek tributary	C	0.2	Mouth	35,42N,3E	Jefferson		x	x	x			B	x		
Slabtown Br.	C	3.7	Mouth	23,33N,10W	Texas		x	x	x			B	x		
Slagle Cr.	P	8.2	Mouth	17,32N,22W	Polk		x	x	x			B	x		
Slagle Cr.	P	2.2	Mouth	18,28N,9E	Bollinger		x	x	x			B	x		
Slater Br.	C	2.0	Mouth	Sur 1852,33N,6E	Madison		x	x	x			B	x		
Slater Br.	C	3.7	Mouth	34,30N,32W	Jasper		x	x	x			B	x		
Smiley Cr.	C	3.0	Mouth	36,46N,17W	Cooper		x	x	x			B	x		
Smith Br.	C	3.6	Mouth	18,48N,5W	Montgomery		x	x	x			B	x		
Smith Br.	C	0.5	Mouth	16,47N,9W	Callaway		x	x	x			B	x		
Smith Cr.	C	1.5	Mouth	26,47N,11W	Callaway		x	x	x			B	x		
Smith Cr.	C	12.0	Mouth	2,43N,17W	Moniteau	Morgan	x	x	x			A	x		

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Smith Fk.	C	3.0	Mouth	15,56N,31W	Clinton		x	x	x			B	x		
Smith Hollow	C	1.0	Mouth	31,23N,11W	Ozark		x	x	x			B	x		
Smith Hollow Cr.	P	1.1	Mouth	26,37N,10W	Phelps		x	x	x			B	x		
Smith Hollow Cr.	C	1.9	Mouth	36,37N,10W	Phelps		x	x	x			B	x		
Snag Br.	C	2.4	Mouth	21,34N,27W	Cedar		x	x	x			B	x		
Snapps Br.	C	1.5	Mouth	2,36N,1W	Washington		x	x	x			B	x		
Sni-a-bar Cr.	C	4.3	30,48N,29W	5,47N,29W	Jackson		x	x	x			B	x		
Sni-a-bar Cr.	P	36.6	Mouth	30,48N,29W	Lafayette	Jackson	x	x	x			B	x		
Snowden Br.	C	2.0	Mouth	1,32N,7E	Madison		x	x	x			B	x		
Snyder Ditch	C	6.5	26,24N,7E	26,25N,7E	Butler		x	x	x			B	x		
Soakie Creek	C	3.9	Mouth	33,32N,14E	Cape Girardeau		x	x	x			B	x		
Soap Cr.	P	1.0	Mouth	32,41N,17W	Morgan		x	x	x			B	x		
Soap Cr.	P	0.8	Mouth	19,42N,04W	Gasconade		x	x	x			B	x		
Soap Cr.	C	4.5	19,42N,04W	11,42N,05W	Gasconade		x	x	x			B	x		
Sons Cr.	P	1.5	Mouth	27,32N,27W	Dade		x	x	x			B	x		
Sons Cr.	C	10.8	27,32N,27W	31,31N,27W	Dade		x	x	x			B	x		
South Cr.	P	3.8	Mouth	34,29N,22W	Greene		x	x	x			B	x		
South Fk.	C	4.5	Mouth	25,24N,15W	Ozark		x	x	x			B	x		
South Fk. Blackwater R.	C	17.1	Mouth	08,46N,23W	Saline	Pettis	x	x	x			B	x		
South Fork North River	P	6.9	Mouth	13,57N,8W	Marion		x	x	x			B	x		
South Fork North River	C	7.2	13,57N,8W	19,57N,8W	Marion		x	x	x			B	x		
South Fork Saline Creek	C	6.7	27,35N,9E	34,35N,8E	Perry	Ste. Genevieve	x	x	x			B	x		
South Fork Saline Creek tributary	C	2.2	Mouth	2,34N,8E	Ste. Genevieve		x	x	x			B	x		
South Fork Salt River tributary	C	1.8	36,51N,9W	35,51N,9W	Audrain		x	x	x			B	x		
South Fork Salt River tributary	C	0.6	Mouth	36,51N,9W	Audrain		x	x	x			B	x		
South Fork Salt River tributary	C	1.0	35,51N,9W	34,51N,9W	Audrain		x	x	x			B	x		
South Fork Salt River tributary	C	5.2	1,50N,9W	4,50N,9W	Audrain		x	x	x			B	x		
South Fork Salt River tributary	C	2.3	Mouth	11,50N,9W	Audrain		x	x	x			B	x		
South Fork Salt River tributary	C	2.3	Mouth	27,51N,9W	Audrain		x	x	x			B	x		
South R.	P1	2.6	Mouth	16,58N,5W	Marion		x	x	x			B	x		
South R.	C	16.3	16,58N,5W	33,57N,6W	Marion		x	x	x			B	x		
South Spencer Creek tributary	C	1.3	Mouth	12,53N,5W	Pike		x	x	x			B	x		
South Spencer Creek tributary	C	3.7	Mouth	20,53N,4W	Pike		x	x	x			B	x		
South Spencer Creek tributary	C	4.8	Mouth	21,53N,4W	Pike		x	x	x			B	x		
Sparrow Foot Cr.	C	2.6	Mouth	15,41N,25W	Henry		x	x	x			B	x		
Spence Cr.	C	3.6	1,28N,15W	19,28N,15W	Wright		x	x	x			B	x		
Spencer Cr.	C	2.3	Mouth	14,37N,17W	Camden		x	x	x				x		
Spencer Cr.	C	1.5	Mouth	Sur 1786,47N,4E	St. Charles		x	x	x			B	x		
Spencer Cr.	P	11.0	Mouth	31,55N,4W	Ralls		x	x	x			B	x		
Spencer Cr.	C	24.0	31,55N,4W	23,53N,6W	Ralls		x	x	x			B	x		
Spillway Ditch	P	24.7	28,23N,15E	33,25N,16E	New Madrid	Mississippi	x	x	x			A	x		

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Spillway Ditch	C	11.6	5,24N,16E	14,26N,16E	Mississippi		x	x	x			B	x		
Splice Cr.	P	3.6	Mouth	7,47N,14W	Moniteau		x	x	x			A	x		
Splice Cr.	C	2.5	7,47N,14W	11,47N,15W	Moniteau		x	x	x			B	x		
Spring Alec Hollow	P	1.5	Mouth	29,30N,2W	Shannon		x	x	x			B	x		
Spring Alec Hollow	C	1.3	29,30N,2W	21,30N,2W	Shannon		x	x	x			B	x		
Spring Br.	P	1.9	Mouth	4,29N,22W	Greene		x	x	x			B	x		
Spring Branch	P	1.0	Mouth	19,41N,17W	Morgan		x	x	x		x	B	x		
Spring Branch	C	6.7	Mouth	11,49N,32W	Jackson		x	x	x			B	x		
Spring Branch	C	3.1	Mouth	17,44N,4E	St. Louis		x	x	x			B	x		
Spring Cr.	P	5.8	Mouth	8,34N,24W	Cedar	Polk	x	x	x			B	x		
Spring Cr.	P	5.4	Mouth	17,39N,8W	Maries		x	x	x			B	x		
Spring Cr.	P	7.4	Mouth	31,35N,9W	Phelps		x	x	x		x	A	x		
Spring Cr.	P	16.0	31,35N,9W	16,33N,9W	Phelps	Texas	x	x	x			B	x		
Spring Cr.	C	3.7	16,33N,9W	26,33N,9W	Texas		x	x	x				x		
Spring Cr.	P	18.0	Mouth	19,34N,05W	Dent		x	x	x			B	x		
Spring Cr.	P	2.7	Mouth	4,41N,2W	Franklin		x	x	x		x	B	x		
Spring Cr.	C	5.1	4,41N,2W	17,41N,2W	Franklin		x	x	x			B	x		
Spring Cr.	P	6.5	Mouth	12,26N,24W	Stone		x	x	x		x	B	x		
Spring Cr.	P	5.2	Mouth	14,23N,11W	Ozark		x	x	x			B	x		
Spring Cr.	P	7.5	14,23N,11W	17,23N,10W	Ozark	Howell	x	x	x		A	x	x		
Spring Cr.	C	8.9	17,23N,10W	6,23N,9W	Howell		x	x	x			B	x		
Spring Cr.	P	19.2	Mouth	23,26N,10W	Douglas	Howell	x	x	x			B	x		
Spring Cr.	P	6.0	Mouth	06,24N,13W	Douglas	Ozark	x	x	x		x	B	x		
Spring Cr.	C	5.3	6,24N,13W	8,24N,14W	Ozark		x	x	x			B	x		
Spring Cr.	C	1.0	Mouth	30,23N,8W	Howell		x	x	x			B	x		
Spring Cr.	P	8.5	Mouth	24,25N,5W	Oregon		x	x	x			B	x		
Spring Cr.	C	5.8	24,25N,5W	3,25N,5W	Oregon		x	x	x			B	x		
Spring Cr.	C	4.0	Mouth	28,49N,01W	Lincoln		x	x	x			B	x		
Spring Cr.	P	18.7	Mouth	26,64N,18W	Adair	Sullivan	x	x	x		A	x			
Spring Cr.	C	5.0	26,64N,18W	19,64N,18W	Sullivan		x	x	x			B	x		
Spring Cr.	P	1.0	Mouth	18,25N,16W	Douglas		x	x	x			B	x		
Spring Cr. Ditch	C	4.4	27,25N,9E	10,25N,9E	Stoddard		x	x	x			B	x		
Spring Creek tributary	C	0.2	Mouth	17,34N,5E	Dent		x	x	x			B	x		
Spring Fk.	C	6.3	16,44N,21W	01,43N,21W	Pettis	Benton	x	x	x			B	x		
Spring Fk.	P	5.4	Mouth	16,44N,21W	Pettis		x	x	x			B	x		
Spring Hollow	C	11.4	Bennett Springs	27,34N,17W	Laclede		x	x	x	x	B	x			
Spring R.	P	0.5	22,28N,34W	15,28N,34W	Jasper		x	x	x	x	A	x	x		
Spring R.	P	61.7	State Line	20,28N,27W	Jasper	Lawrence	x	x	x	x	A	x	x		
Spring R.	P	8.8	20,28N,27W	13,27N,27W	Lawrence		x	x	x	x	A	x	x		
Spring R.	P	11.9	13,27N,27W	28,26N,26W	Lawrence		x	x	x		A	x			
Spring R.	C	1.0	28,26N,26W	27,26N,26W	Lawrence		x	x	x			B	x		
Spring Valley Cr.	P	10.8	Mouth	35,30N,5W	Shannon		x	x	x			B	x		
Spring Valley Cr.	C	10.0	35,30N,5W	6,29N,5W	Shannon		x	x	x			B	x		
Spurlock Hollow	C	2.7	Mouth	15,30N,11W	Texas		x	x	x			B	x		
Squaw Cr.	P	21.0	36,61N,39W	33,64N,38W	Holt	Atchison	x	x	x			B	x		
St. Francis R.	C	3.8	16,35N,4E	Ozark Ore Lake Dam	St. Francois		x	x	x			B	x		

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St. Francis R.	P	104.0	State Line	Wappapello Dam	Dunklin	Wayne	x	x	x			A	x		
St. James Ditch	C	2.1	11,23N,15E	1,23N,15E	New Madrid		x	x	x			B	x		
St. Johns Bayou	P	4.7	Mouth	28,23N,15E	New Madrid		x	x	x			B	x		
St. Johns Cr.	P	21.0	Mouth	12,43N,2W	Franklin		x	x	x			B	x		
St. Johns Cr.	C	9.0	12,43N,2W	19,43N,2W	Franklin		x	x	x			B	x		
St. Johns Ditch	P	15.3	Mouth	16,25N,14E	New Madrid		x	x	x			B	x		
St. Johns Ditch	C	4.7	36,28N,13E	Sur 1014,28N,14E	Scott		x	x	x			A	x		
St. Johns Ditch	P	18.7	16,25N,14E	36,28N,13E	New Madrid	Scott	x	x	x			B	x		
St. Johns Diversion Ditch	C	5.0	11,23N,15E	9,23N,16E	New Madrid		x	x	x			B	x		
St. Johns Diversion Ditch	C	4.3	4,23N,16E	12,23N,16E	Mississippi		x	x	x			B	x		
Stahl Cr.	P	7.3	Mouth	25,29N,27W	Lawrence		x	x	x			B	x		
Stanley Cr.	P	3.1	Mouth	18,27N,8E	Wayne		x	x	x			B	x		
Starks Cr.	P	10.3	Mouth	12,37N,21W	Hickory		x	x	x	x		B	x		
Starks Cr.	C	7.0	12,37N,21W	31,37N,20W	Hickory		x	x	x	x		B	x		
Starvey Cr.	C	3.0	Mouth	15,32N,18W	Dallas		x	x	x			B	x		
Stater Cr.	P	2.4	Mouth	27,40N,2W	Crawford		x	x	x			B	x		
Stater Cr.	C	2.3	27,40N,2W	29,40N,2W	Crawford		x	x	x			A	x		
Steins Cr.	C	16.6	25,33N,15W	33,31N,15W	Laclede	Wright	x	x	x			B	x		
Stephens Br.	C	8.8	Mouth	29,47N,17W	Cooper		x	x	x			B	x		
Sterett Cr.	C	1.2	Mouth	21,41N,22W	Benton		x	x	x			B	x		
Steuber Hollow Cr.	P	0.6	Mouth	13,41N,09W	Osage		x	x	x			B	x		
Stevenson Bayou	C	7.4	1,26N,16E	8,27N,17E	Mississippi		x	x	x			B	x		
Stewart Cr.	P	1.0	Mouth	12,27N,19W	Christian		x	x	x			B	x		
Stewart Cr.	C	3.0	12,27N,19W	17,27N,18W	Christian		x	x	x			B	x		
Stick Branch	C	3.7	Mouth	25,36N,21W	Hickory		x	x	x			B	x		
Stillcamp Ditch	C	12.3	Mouth	35,24N,6E	Butler		x	x	x			B	x		
Stillhouse Br.	C	2.0	Mouth	26,62N,31W	Gentry		x	x	x			B	x		
Stinking Cr.	C	4.7	Mouth	5,34N,28W	Cedar		x	x	x			B	x		
Stinking Cr.	C	1.4	Mouth	22,35N,22W	Polk		x	x	x			B	x		
Stinking Cr.	C	15.8	24,56N,16W	Mouth	Macon		x	x	x			B	x		
Stinson Cr.	C	11.9	Mouth	16,47N,9W	Callaway		x	x	x			B	x		
Stoak Cr.	C	2.3	Mouth	14,45N,26W	Johnson		x	x	x			B	x		
Stockton Br.	C	3.6	Mouth	4,34N,26W	Cedar		x	x	x			B	x		
Stone Hill Br.	C	2.3	Mouth	35,34N,4W	Dent		x	x	x			B	x		
Stone Hill Br.	P	2.2	35,34N,4W	31,34N,3W	Dent		x	x	x			B	x		
Storys Cr.	C	2.7	Mouth	16,29N,4W	Shannon		x	x	x			B	x		
Stouts Cr.	P	7.3	Mouth	33,34N,4E	Madison	Iron	x	x	x	x		B	x		
Stouts Cr.	P	4.0	33,34N,4E	1,33N,3E	Iron		x	x	x			B	x		
Stouts Cr.	C	1.1	1,33N,3E	2,33N,3E	Iron		x	x	x			B	x		
Straight Fk.	P	12.0	4,44N,16W	6,43N,17W	Moniteau	Morgan	x	x	x			A	x		
Straight Fk.	C	6.0	6,43N,17W	36,43N,18W	Morgan		x	x	x			B	x		
Stream Mill Hollow	P	3.0	Mouth	27,32N,10W	Texas		x	x	x			B	x		
Stream Mill Hollow	C	2.0	27,32N,10W	28,32N,10W	Texas		x	x	x			B	x		
String Cr.	C	2.0	Mouth	20,45N,14W	Moniteau		x	x	x			B	x		
Stringtown Br.	C	1.5	Mouth	12,36N,1W	Washington		x	x	x			B	x		
Strobel Br.	P	0.7	Mouth	1,44N,14W	Cole		x	x	x			B	x		
Strobel Br.	C	2.0	12,44N,14W	35,45N,14W	Cole		x	x	x			B	x		

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Strobel Br.	C	2.4	Mouth	24,44N,14W	Cole		x	x	x			B	x		
Strother Creek	P	6.0	Mouth	33,34N,1W	Reynolds	Iron	x	x	x	x		B	x		
Strother Creek	C	7.2	33,34N,1W	35,34N,2W	Iron		x	x	x			B	x		
Sugar Br.	P	2.3	Mouth	12,48N,14W	Boone		x	x	x			B	x		
Sugar Br.	C	3.0	12,48N,14W	3,48N,14W	Boone		x	x	x			B	x		
Sugar Cr.	C	1.6	Mouth	17,51N,13W	Boone		x	x	x			B	x		
Sugar Cr.	C	13.8	Mouth	33,44N,30W	Cass		x	x	x			B	x		
Sugar Cr.	C	11.0	Mouth	Sur 1683,50N,1E	Lincoln		x	x	x			B	x		
Sugar Cr.	C	3.8	Mouth	33,45N,6W	Gasconade		x	x	x			B	x		
Sugar Cr.	C	5.5	Mouth	20,43N,5E	Jefferson		x	x	x			B	x		
Sugar Cr.	P	3.0	Mouth	2,54N,37W	Platte		x	x	x			B	x		
Sugar Cr.	C	6.5	2,54N,37W	28,55N,36W	Platte	Buchanan	x	x	x			B	x		
Sugar Cr.	P1	3.8	Mouth	18,64N,6W	Clark		x	x	x			B	x		
Sugar Cr.	C	10.2	18,64N,6W	29,65N,7W	Clark		x	x	x			B	x		
Sugar Cr.	C	12.0	Mouth	15,62N,7W	Lewis		x	x	x			B	x		
Sugar Cr.	P	8.0	Mouth	22,62N,26W	Grundy	Harrison	x	x	x			B	x		
Sugar Cr.	C	12.0	22,62N,26W	35,63N,27W	Harrison		x	x	x			B	x		
Sugar Cr.	C	6.3	Mouth	18,61N,15W	Adair		x	x	x			B	x		
Sugar Cr.	P	6.8	Mouth	Sugar Cr. Lake Dam	Randolph		x	x	x			B	x		
Sugar Cr.	C	1.5	Mouth	36,55N,3W	Pike		x	x	x			B	x		
Sugar Creek	P	9.5	Mouth	23,41N,11W	Miller	Maries	x	x	x	x		B	x		
Sugar Fk.	P	1.0	Mouth	5,23N,33W	McDonald		x	x	x			B	x		
Sugar Tree Br.	C	3.5	Mouth	34,52N,15W	Howard		x	x	x			B	x		
Sugarcamp Hollow	C	2.5	Mouth	17,23N,26W	Barry		x	x	x				x		
Sulphur Cr.	P	2.1	Mouth	15,51N,2W	Lincoln		x	x	x			B	x		
Sulphur Cr.	C	9.3	15,51N,2W	19,52N,2W	Lincoln	Pike	x	x	x			B	x		
Sulphur Cr.	C	1.8	Mouth	9,31N,4E	Iron		x	x	x			B	x		
Sulphur Cr.	P	5.5	Mouth	30,49N,16W	Howard		x	x	x			B	x		
Sulphur Cr.	C	7.0	30,49N,16W	26,50N,17W	Howard		x	x	x			B	x		
Summers Cr.	C	1.0	Mouth	19,32N,9E	Bollinger		x	x	x			B	x		
Surratt Cr.	C	1.2	Mouth	26,25N,19W	Christian		x	x	x			B	x		
Sutton Br.	P	0.5	Mouth	35,32N,2E	Reynolds		x	x	x			B	x		
Sutton Cr.	P	1.0	Mouth	12,29N,4W	Shannon		x	x	x			B	x		
Sutton Hollow	C	0.5	Mouth	36,31N,3E	Iron		x	x	x			B	x		
Swan Cr.	C	2.2	Mouth	8,42N,8W	Osage		x	x	x			B	x		
Swan Cr.	P	36.8	Mouth	4,26N,18W	Taney	Christian	x	x	x	x		A	x		
Swan Cr.	C	2.0	4,26N,18W	34,27N,18W	Christian	Douglas	x	x	x			B	x		
Swede Br.	C	0.4	Mouth	32,37N,21W	Hickory		x	x	x			B	x		
Sweet Hollow	C	2.7	Mouth	27,36N,17W	Laclede		x	x	x			B	x		
Sweet Spring Cr.	C	11.2	Mouth	18,53N,14W	Randolph		x	x	x			B	x		
Sweeten Cr.	C	1.6	Mouth	26,22N,13W	Ozark		x	x	x			B	x		
Sweetwater Br.	P	1.0	Mouth	30,34N,7E	Madison		x	x	x			B	x		
Sweetwater Br.	C	1.7	30,34N,7E	28,34N,7E	Madison		x	x	x			B	x		
Sweetwater Cr.	P	3.0	Mouth	28,31N,2W	Reynolds		x	x	x			B	x		
Sweezer Cr.	C	4.9	Mouth	20,58N,15W	Macon		x	x	x			B	x		
Swift Cr.	C	1.0	Mouth	15,26N,5E	Butler		x	x	x			B	x		
Swift Ditch	C	4.0	26,23N,14E	2,23N,14E	New Madrid		x	x	x			B	x		

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Sycamore Br.	P	4.5	Mouth	7,29N,26W	Lawrence		x	x	x			B	x		
Sycamore Cr.	P	3.7	Mouth	20,29N,24W	Greene		x	x	x			B	x		
Sycamore Cr.	C	1.0	Mouth	15,27N,3W	Shannon		x	x	x			B	x		
Tabo Cr.	P	11.4	Mouth	27,50N,26W	Lafayette		x	x	x			B	x		
Tabo Cr.	C	8.4	27,50N,26W	20,49N,26W	Lafayette		x	x	x			B	x		
Tabor Cr.	P	5.6	Mouth	9,24N,10W	Douglas	Howell	x	x	x			B	x		
Tabor Cr.	C	3.7	9,24N,10W	11,24N,10W	Howell		x	x	x			B	x		
Taff Branch	C	4.2	Mouth	33,36N,4W	Crawford		x	x	x			B	x		
Tanyard Cr.	C	4.0	Mouth	9,50N,16W	Howard		x	x	x			B	x		
Tarbutton Cr.	P	2.0	Mouth	4,26N,14W	Douglas		x	x	x			B	x		
Tarkio R.	P	33.5	Mouth	State Line	Holt	Atchison	x	x	x			B	x	x	
Tarkio River tributary	C	2.4	Mouth	14,64N,40W	Atchison		x	x	x			B	x		
Tarkio River tributary	C	1.3	Mouth	23,64N,40W	Atchison		x	x	x			B	x		
Tarkio River tributary	C	4.7	Mouth	9,65N,40W	Atchison		x	x	x			B	x		
Tater Hill Cr.	C	7.7	Mouth	27,55N,24W	Carroll		x	x	x			B	x		
Taum Sauk Cr.	C	4.0	Mouth	14,33N,2E	Reynolds		x	x	x			B	x		
Tavern Cr.	P	39.2	Mouth	5,38N,12W	Miller		x	x	x	x		A	x		
Tavern Cr.	C	10.6	5,38N,12W	12,37N,13W	Miller	Pulaski	x	x	x	x		A	x		
Tavern Cr.	P	2.7	Mouth	12,44N,2E	Franklin		x	x	x			B	x		
Taylor Br.	C	1.2	Mouth	27,36N,6E	St. Francois		x	x	x			B	x		
Teague Br.	C	5.8	Mouth	1,33N,27N	Cedar		x	x	x			B	x		
Tebo Cr.	P	4.0	Mouth	6,42N,24W	Henry		x	x	x			B	x		
Tebo Cr.	C	0.5	6,42N,24W	31,43N,24W	Henry		x	x	x			B	x		
Tebo Cr.	C	3.1	Mouth	19,44N,21W	Pettis		x	x	x			B	x		
Teeter Cr.	C	3.0	Mouth	20,25N,14W	Douglas		x	x	x			B	x		
Ten Mile Creek	C	7.9	Mouth	32,58N,12W	Shelby		x	x	x			B	x		
Ten Mile Creek	C	7.0	30,58N,12W	20,58N,13W	Shelby	Marion	x	x	x			B	x		
Ten Mile Creek tributary	C	3.9	Mouth	19,58N,12W	Shelby		x	x	x			B	x		
Tenmile Cr.	P	9.3	Mouth	10,25N,4E	Butler		x	x	x			A	x		
Tenmile Cr.	C	14.2	10,25N,4E	29,26N,3E	Butler	Carter	x	x	x			A	x		
Tenmile Pond	C	5.1	28,24N,16E	2,24N,16E	Mississippi		x	x	x			B	x		
Tennessee Creek	C	11.0	Mouth	11,44N,31W	Cass		x	x	x			B	x		
Terrell Br.	P	2.2	Mouth	17,28N,18W	Webster		x	x	x			B	x		
Terre Bleue Cr.	P	6.3	Mouth	Sur 2107,37N,5E	St. Francois		x	x	x	x		A	x		
Terre Bleue Cr.	C	6.0	Sur 2107,37N,5E	Sur 2097,37N,6E	St. Francois		x	x	x			B	x		
Terrell Cr.	P	1.0	Mouth	2,27N,23W	Christian		x	x	x	x		B	x		
Terrell Cr.	P	3.7	2,27N,23W	5,27N,23W	Christian		x	x	x			B	x		
Terrell Cr.	C	1.0	5,27N,23W	6,27N,23W	Christian		x	x	x			B	x		
Terrell Cr.	P	1.0	6,27N,23W	1,27N,24W	Christian		x	x	x			B	x		
Thief Cr.	C	3.6	Mouth	12,66N,16W	Schuylerville		x	x	x			B	x		
Third Cr.	P	4.5	Mouth	5,42N,6W	Osage	Gasconade	x	x	x			B	x		
Third Cr.	C	6.5	5,42N,6W	7,42N,5W	Gasconade		x	x	x			B	x		
Third Fk. Platte R.	C	33.7	Mouth	25,61N,33W	Buchanan	Gentry	x	x	x			B	x		
Thomas Cr.	C	8.8	Mouth	3,35N,20W	Hickory	Dallas	x	x	x			B	x		
Thompson Br.	C	1.0	Mouth	1,62N,31W	Gentry		x	x	x			B	x		
Thompson Br.	C	0.5	Mouth	5,47N,14W	Moniteau		x	x	x			B	x		
Thompson Cr.	C	1.6	Mouth	12,59N,27W	Daviess		x	x	x			B	x		

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Thompson R.	P	70.6	Mouth	State Line	Livingston	Harrison	x	x	x			B	x	x	
Three Hill Cr.	C	4.4	Mouth	7,37N,4E	St. Francois		x	x	x			B	x		
Threemile Cr.	C	2.4	Mouth	21,40N,4W	Franklin	Crawford	x	x	x			B	x		
Thurman Cr.	P	3.0	Mouth	30,27N,32W	Newton		x	x	x			B	x		
Tick Cr.	C	4.4	Mouth	28,38N,9W	Phelps		x	x	x			B	x		
Tiff Cr.	P	2.1	Mouth	04,38N,04E	Jefferson		x	x	x			B	x		
Tiger Fk.	C	14.0	Mouth	10,59N,10W	Shelby		x	x	x			B	x		
Titus Creek	C	7.9	Mouth	20,61N,14W	Macon	Adair	x	x	x			B	x		
Titus Creek tributary	C	2.9	Mouth	8,60N,14W	Macon		x	x	x			B	x		
Titus Creek tributary	C	2.0	Mouth	14,60N,14W	Macon		x	x	x			B	x		
Tobin Cr.	C	8.0	Mouth	34,65N,12W	Scotland		x	x	x			B	x		
Toby Hollow	C	1.7	Mouth	Toby Sprg.	Camden		x	x	x			B	x		
Todd Creek	C	11.8	Mouth	26,52N,34W	Platte		x	x	x			B	x		
Todd Hollow	C	0.5	Mouth	34,35N,3W	Crawford		x	x	x			B	x		
Todd Hollow	C	1.0	Mouth	3,36N,2W	Crawford		x	x	x			B	x		
Tollar Branch	C	3.3	Mouth	27,33N,7E	Madison		x	x	x			B	x		
Tombstone Cr.	P	2.7	Mouth	26,62N,26W	Harrison		x	x	x			B	x		
Tombstone Cr.	C	3.9	26,62N,26W	28,62N,26W	Harrison		x	x	x				x		
Toms Cr.	C	2.2	Mouth	10,32N,2W	Reynolds		x	x	x				x		
Tory Cr.	P	2.8	Mouth	27,26N,22W	Stone	Christian	x	x	x		x	B	x		
Town Br.	P	0.8	Mouth	13,36N,1W	Washington		x	x	x			B	x		
Town Br.	C	1.8	13,36N,1W	18,36N,1E	Washington		x	x	x			B	x		
Town Br.	P	2.5	Mouth	12,33N,23W	Polk		x	x	x			B	x		
Town Creek	C	2.2	Mouth	4,44N,31W	Cass		x	x	x			B	x		
Townsend Slough	C	1.7	Mouth	21,37N,32W	Vernon		x	x	x			B	x		
Towstring Cr.	C	7.7	Mouth	20,56N,22W	Livingston		x	x	x			B	x		
Tr. to Blue Shawnee Cr.	C	1.8	Mouth	21,33N,13E	Cape Girardeau		x	x	x			B	x		
Tr. to Bois Brule Ditch	C	1.0	Mouth	Sur 1870,36N,11E	Perry		x	x	x			B	x		
Tr. to Isle du Bois Cr.	C	1.0	Mouth	14,39N,6E	Ste. Genevieve		x	x	x			B	x		
Tr. to N. Pr. Beaverdam Cr.	C	1.0	Mouth	19,25N,4E	Ripley		x	x	x			B	x		
Tr. to O. Ch. Nishnabotna R.	C	0.9	Mouth	17,64N,41W	Atchison		x	x	x			B	x		
Tr. to O. Ch. Nishnabotna R.	C	2.0	Mouth	30,66N,41W	Atchison		x	x	x			B	x		
Tr. to Woods Fk. Gasconade	C	2.3	2,29N,16W	15,29N,16W	Wright		x	x	x			B	x		
Trace Cr.	P	1.3	Mouth	1,35N,1W	Washington		x	x	x			B	x		
Trace Cr.	C	1.3	1,35N,1W	6,35N,1E	Washington		x	x	x			B	x		
Trace Cr.	C	6.2	Mouth	29,32N,6E	Madison		x	x	x			B	x		
Trace Cr.	P	4.0	Mouth	4,30N,8E	Wayne	Bollinger	x	x	x	x	x	B	x		
Trace Cr.	C	3.4	4,30N,8E	26,31N,8E	Bollinger	Madison	x	x	x			B	x		
Trail Cr.	C	4.0	Mouth	10,24N,12W	Ozark		x	x	x			B	x		
Trail Cr.	P	4.7	Mouth	Hwy. 136	Harrison		x	x	x			B	x		
Trail Cr.	C	5.0	Hwy. 136	19,64N,26W	Harrison		x	x	x			B	x		
Trib to Bates Cr.	C	1.0	Mouth	16,37N,02E	Washington		x	x	x			B	x		
Trib to Coon Cr.	C	0.5	Mouth	2,45N,22W	Pettis		x	x	x			B	x		
Trib to Coon Cr.	C	1.8	Mouth	12,45N,22W	Pettis		x	x	x				x		
Trib to Crabapple Cr.	C	1.3	Mouth	2,53N,26W	Ray		x	x	x			B	x		

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Trib to E. Fk Postoak Cr.	C	2.0	Mouth	34,45N,26W	Johnson		x	x	x			B	x		
Trib to E. Fk Postoak Cr.	C	3.9	Mouth	23,44N,26W	Johnson		x	x	x			B	x		
Trib to Pomme de Terre Res.	C	1.5	Mouth	30,36N,22W	Hickory		x	x	x			B	x		
Trib to Roubidoux Cr.	C	3.6	Mouth	7,33N,11W	Pulaski	Texas	x	x	x			B	x		
Trib to trib to Bois Brule Ditch	C	1.6	9,36N,11E	Sur 147,37N,11E	Perry		x	x	x				x		
Trib to Trib. to S. Moreau Cr.	C	1.2	Mouth	30,43N,15W	Moniteau		x	x	x			B	x		
Trib. Headwater Div.	P	1.5	Mouth	31,30N,12E	Cape Girardeau		x	x	x			B	x		
Trib. Headwater Div.	C	1.0	31,30N,12E	36,30N,11E	Cape Girardeau		x	x	x			B	x		
Trib. M. Fk. Big Cr.	C	1.6	Mouth	24,31N,6E	Madison		x	x	x			B	x		
Trib. M. Fk. Grand R.	C	1.4	Mouth	State Line	Worth		x	x	x			B	x		
Trib. M. Fk. Salt R.	C	1.0	Mouth	22,59N,14W	Macon		x	x	x			B	x		
Trib. M. Fk. Tebo Cr.	C	1.7	19,43N,24W	17,43N,24W	Henry		x	x	x			B	x		
Trib. M. Fk. Tebo Cr.	C	0.5	9,43N,24W	3,43N,24W	Henry		x	x	x			B	x		
Trib. M. Fk. Tebo Cr.	C	0.5	Mouth	5,43N,24W	Henry		x	x	x			B	x		
Trib. M. Fk. Tebo Cr.	C	3.1	Mouth	36,44N,25W	Henry		x	x	x			B	x		
Trib. Old Mines Cr.	C	1.5	Mouth	32,39N,3E	Washington		x	x	x			B	x		
Trib. to Alley Br.	C	1.6	Mouth	22,29N,5W	Shannon		x	x	x			B	x		
Trib. to Apple Cr.	C	4.7	Mouth	Hwy. 51	Perry		x	x	x			B	x		
Trib. to Apple Cr.	C	2.1	Mouth	16,34N,10E	Perry		x	x	x			B	x		
Trib. to Atwell Cr.	C	3.2	Mouth	05,38N,11W	Miller	Maries	x	x	x			B	x		
Trib. to Baileys Cr.	C	0.8	Mouth	06,45N,06W	Gasconade		x	x	x			B	x		
Trib. to Baileys Cr.	P	0.8	Mouth	32,45N,07W	Osage		x	x	x			B	x		
Trib. to Baileys Cr.	C	0.5	Mouth	27,45N,7W	Osage		x	x	x			B	x		
Trib. to Barn Hollow	C	1.3	Mouth	4,27N,7W	Texas	Howell	x	x	x			B	x		
Trib. to Barren Fk.	C	1.0	Mouth	31,39N,13W	Miller		x	x	x			B	x		
Trib. to Barren Fork	C	1.5	Mouth	36,44N,05W	Gasconade		x	x	x			B	x		
Trib. to Basin Fk.	C	3.7	Mouth	23,44N,23W	Pettis		x	x	x			B	x		
Trib. to Basin Fk.	C	3.1	Mouth	36,45N,23W	Pettis		x	x	x			B	x		
Trib. to Bauer Br.	C	3.0	Mouth	28,43N,21W	Benton		x	x	x			B	x		
Trib. to Bean Cr.	C	0.6	Mouth	9,32N,8W	Texas		x	x	x			B	x		
Trib. to Beaver Cr.	C	1.0	Mouth	25,29N,12W	Texas		x	x	x			B	x		
Trib. to Beaver Cr.	C	1.0	Mouth	23,24N,18W	Taney		x	x	x			B	x		
Trib. to Beaverdam Cr.	C	0.7	Mouth	25,47N,23W	Pettis		x	x	x			B	x		
Trib. to Beaverdam Cr.	C	0.8	Mouth	24,47N,23W	Pettis		x	x	x			B	x		
Trib. to Bee Cr.	C	1.8	Mouth	3,54N,35W	Platte		x	x	x			B	x		
Trib. to Beeler Br.	C	1.4	Mouth	29,28N,10W	Texas		x	x	x			B	x		
Trib. to Benton Cr.	P	0.7	Mouth	5,36N,5W	Crawford		x	x	x			B	x		
Trib. to Big Berger Cr.	C	0.8	Mouth	35,45N,4W	Franklin		x	x	x			B	x		
Trib. to Big Br.	C	1.2	Mouth	14,44N,04W	Franklin		x	x	x			B	x		
Trib. to Big Buffalo Cove	C	0.8	Mouth	35,41N,20W	Benton		x	x	x			B	x		
Trib. to Big Buffalo Cr.	C	0.6	Mouth	12,41N,20W	Benton		x	x	x			B	x		
Trib. to Big Cr.	C	3.0	Mouth	4,29N,8W	Texas		x	x	x			B	x		
Trib. to Big Cr.	C	2.2	Mouth	2,29N,8W	Texas		x	x	x			B	x		
Trib. to Big Cr.	C	1.0	Mouth	24,31N,3E	Iron		x	x	x			B	x		
Trib. to Big Cr.	C	1.4	Mouth	35,32N,3E	Iron		x	x	x			B	x		
Trib. to Big Lake Bayou	C	3.1	Mouth	19,27N,16E	Mississippi		x	x	x			B	x		

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Trib. to Big Otter Cr.	C	1.0	Mouth	32,40N,25W	Henry		x	x	x			B	x		
Trib. to Big R.	C	1.0	Mouth	26,39N,3E	Washington		x	x	x				x		
Trib. to Big R.	C	1.0	Mouth	2,36N,3E	Washington		x	x	x			B	x		
Trib. to Big R.	C	0.5	Mouth	LG 2150,36N,2E	Washington		x	x	x			B	x		
Trib. to Billies Cr.	C	2.1	Mouth	10,29N,25W	Lawrence		x	x	x			B	x		
Trib. to Bird Br.	C	0.6	Mouth	14,41N,22W	Benton		x	x	x			B	x		
Trib. to Black R.	C	2.0	Mouth	11,30N,2E	Reynolds		x	x	x			B	x		
Trib. to Blackwater R.	C	1.1	Mouth	24,48N,22W	Saline	Pettis	x	x	x			B	x		
Trib. to Blackwater R.	C	0.7	Mouth	19,48N,22W	Saline	Pettis	x	x	x			B	x		
Trib. to Blackwater R.	C	0.5	Mouth	21,48N,23W	Pettis		x	x	x			B	x		
Trib. to Blackwater R.	C	1.7	Mouth	29,48N,23W	Pettis		x	x	x			B	x		
Trib. to Boeuf Cr.	C	1.5	Mouth	35,45N,3W	Franklin		x	x	x			B	x		
Trib. to Boeuf Cr.	C	1.5	Mouth	17,44N,3W	Franklin		x	x	x			B	x		
Trib. to Boeuf Cr.	C	1.2	Mouth	17,44N,2W	Franklin		x	x	x			B	x		
Trib. to Boeuf Cr.	C	0.2	Mouth	12,43N,04W	Franklin		x	x	x			B	x		
Trib. to Boeuf Cr.	C	1.3	Mouth	08,42N,04W	Gasconade		x	x	x			B	x		
Trib. to Bois Brule Cr.	C	0.9	Mouth	15,42N,13W	Cole		x	x	x			B	x		
Trib. to Bois Brule Cr.	C	0.7	Mouth	24,42N,13W	Cole		x	x	x			B	x		
Trib. to Bois Brule Ditch	P	1.7	Mouth	4,36N,11E	Perry		x	x	x			B	x		
Trib. to Boone Cr.	C	0.3	Mouth	15,40N,03W	Crawford		x	x	x			B	x		
Trib. to Bourbeuse R.	C	2.0	14,40N,06W	Hwy. B	Gasconade		x	x	x			B	x		
Trib. to Bourbeuse R.	P	0.2	Mouth	14,40N,06W	Gasconade		x	x	x			B	x		
Trib. to Brazeau Cr.	P	2.2	Mouth	7,34N,13E	Perry		x	x	x			B	x		
Trib. to Brazeau Cr.	C	1.0	7,34N,13E	12,34N,12E	Perry		x	x	x			B	x		
Trib. to Brewers Cr.	C	0.5	Mouth	19,34N,5E	Madison		x	x	x			B	x		
Trib. to Brock Cr.	C	1.0	Mouth	35,36N,1E	Washington		x	x	x			B	x		
Trib. to Brush Cr.	C	1.9	Mouth	15,42N,23W	Benton		x	x	x			B	x		
Trib. to Brush Cr.	C	1.7	Mouth	24,42N,9W	Osage		x	x	x			B	x		
Trib. to Brush Cr.	C	1.5	Mouth	19,42N,8W	Osage		x	x	x			B	x		
Trib. to Brush Cr.	C	1.0	Mouth	34,40N,5W	Crawford		x	x	x			B	x		
Trib. to Brush Cr.	C	1.0	Mouth	25,40N,5W	Crawford		x	x	x			B	x		
Trib. to Brush Cr.	C	1.4	Mouth	30,36N,25W	St. Clair		x	x	x			B	x		
Trib. to Brush Cr.	C	0.4	Mouth	28,36N,25W	St. Clair		x	x	x			B	x		
Trib. to Brush Cr.	C	0.1	Mouth	26,39N,05W	Crawford		x	x	x			B	x		
Trib. to Brush Cr.	C	1.0	Mouth	34,43N,14W	Cole		x	x	x			B	x		
Trib. to Brush Cr.	C	1.0	Mouth	14,35N,24W	Polk		x	x	x			B	x		
Trib. to Bryant Cr.	C	1.8	Mouth	14,24N,13W	Ozark		x	x	x			B	x		
Trib. to Bucklick Cr.	C	1.5	Mouth	24,44N,3W	Franklin		x	x	x			B	x		
Trib. to Bucklick Cr.	C	1.3	Mouth	29,44N,2W	Franklin		x	x	x			B	x		
Trib. to Burris Fk.	C	0.5	Mouth	3,43N,16W	Moniteau		x	x	x			B	x		
Trib. to Burris Fk.	C	0.5	Mouth	34,44N,16W	Moniteau		x	x	x			B	x		
Trib. to Busch Cr.	C	3.0	Mouth	34,44N,1W	Franklin		x	x	x			B	x		
Trib. to Busch Cr.	C	1.8	Mouth	35,44N,1W	Franklin		x	x	x			B	x		
Trib. to Butcher Cr.	C	1.0	Mouth	22,48N,1E	Lincoln		x	x	x			B	x		
Trib. to Byrd Cr.	C	1.0	Mouth	Sur 2236,32N,12E	Cape Girardeau		x	x	x			B	x		
Trib. to Calico Cr.	C	2.0	Mouth	LG 3022,29N,2E	Washington		x	x	x			B	x		
Trib. to Camp Br.	C	1.0	Mouth	24,45N,22W	Pettis		x	x	x			B	x		

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Trib. to Camp Br.	C	0.7	Mouth	23,45N,22W	Pettis		x	x	x			B	x		
Trib. to Camp Br.	C	0.8	Mouth	29,45N,22W	Pettis		x	x	x			B	x		
Trib. to Camp Cr.	C	1.1	Mouth	20,36N,6E	St. Francois		x	x	x			B	x		
Trib. to Cane Cr.	P	1.3	Mouth	Sur 2138,32N,12E	Cape Girardeau		x	x	x			B	x		
Trib. to Cane Cr.	C	0.8	Mouth	10,26N,4E	Butler		x	x	x			B	x		
Trib. to Cane Cr.	C	1.0	Mouth	8,26N,4E	Butler		x	x	x			B	x		
Trib. to Cane Cr.	C	1.2	Mouth	35,26N,4E	Butler		x	x	x			B	x		
Trib. to Caney Cr.	C	1.9	Mouth	12,24N,17W	Taney		x	x	x			A	x		
Trib. to Cape La Croix Cr.	C	1.7	Sur 3314,31N,13E	11,31N,13E	Cape Girardeau		x	x	x				x		
Trib. to Capps Cr.	P	1.0	Mouth	14,25N,29W	Newton		x	x	x			B	x		
Trib. to Castile Cr.	C	1.2	Mouth	3,56N,32W	Clinton		x	x	x			B	x		
Trib. to Castor R.	P	1.8	Mouth	5,28N,9E	Bollinger		x	x	x			B	x		
Trib. to Castor R.	C	0.5	5,28N,9E	Hwy. 51	Bollinger		x	x	x			B	x		
Trib. to Castor R.	C	1.5	Mouth	16,28N,10E	Bollinger	Stoddard	x	x	x			B	x		
Trib. to Castor R.	C	1.0	Mouth	25,34N,7E	Madison		x	x	x			B	x		
Trib. to Castor R.	P	3.0	Mouth	23,34N,7E	Madison		x	x	x			B	x		
Trib. to Cedar Cr.	C	0.5	Mouth	32,46N,11W	Callaway		x	x	x			B	x		
Trib. to Cedar Cr.	C	1.6	Mouth	31,23N,18W	Taney		x	x	x			B	x		
Trib. to Center Cr.	C	1.0	Mouth	21,27N,29W	Newton		x	x	x			B	x		
Trib. to Cherry Valley Cr.	C	1.2	Mouth	9,37N,3W	Crawford		x	x	x			B	x		
Trib. to Clark Fk.	C	0.5	Mouth	15,47N,16W	Cooper		x	x	x				x		
Trib. to Clear Cr.	C	1.0	Mouth	21,36N,2E	Washington		x	x	x			B	x		
Trib. to Clear Cr.	C	0.4	Mouth	23,44N,25W	Johnson		x	x	x			B	x		
Trib. to Clear Cr.	C	1.6	Mouth	26,39N,06W	Phelps		x	x	x			B	x		
Trib. to Clear Cr.	C	1.7	Mouth	05,34N,30W	Vernon		x	x	x			B	x		
Trib. to Clear Cr.	C	0.9	Mouth	28,42N,23W	Benton		x	x	x			B	x		
Trib. to Clear Cr.	C	1.8	Mouth	32,34N,30W	Vernon		x	x	x			B	x		
Trib. to Clear Cr.	C	2.2	Mouth	15,54N,31W	Clinton		x	x	x			B	x		
Trib. to Clear Cr.	C	0.9	Mouth	19,36N,2E	Washington		x	x	x			B	x		
Trib. to Clear Fk.	C	0.8	Mouth	15,44N,25W	Johnson		x	x	x				x		
Trib. to Clear Fk.	C	2.0	Mouth	04,44N,25W	Johnson		x	x	x			B	x		
Trib. to Coon Cr.	C	2.0	Mouth	32,54N,13W	Randolph		x	x	x			B	x		
Trib. to Coopers Cr.	C	3.2	Mouth	4,39N,26W	St. Clair		x	x	x			B	x		
Trib. to Courtois Cr.	C	1.2	Mouth	31,37N,1W	Washington		x	x	x			B	x		
Trib. to Courtois Cr.	C	0.5	Mouth	16,36N,1W	Washington		x	x	x			B	x		
Trib. to Courtois Cr.	C	0.5	Mouth	16,36N,1E	Washington		x	x	x			B	x		
Trib. to Crane Cr.	C	0.9	Mouth	14,36N,21W	Hickory		x	x	x			B	x		
Trib. to Crane Cr.	C	0.8	Mouth	15,36N,21W	Hickory		x	x	x			B	x		
Trib. to Crane Cr.	C	1.9	Mouth	2,36N,21W	Hickory		x	x	x			B	x		
Trib. to Crane Cr.	C	1.0	Mouth	29,37N,21W	Hickory		x	x	x			B	x		
Trib. to Crane Cr.	C	0.2	Mouth	01,36N,21W	Hickory		x	x	x			B	x		
Trib. to Crane Cr.	C	0.4	Mouth	01,36N,21W	Hickory		x	x	x			B	x		
Trib. to Crane Cr.	C	0.1	Mouth	31,37N,21W	Hickory		x	x	x			B	x		
Trib. to Crider Cr.	C	0.9	Mouth	11,41N,7W	Osage		x	x	x			B	x		
Trib. to Crooked Cr.	C	1.0	Mouth	31,37N,4W	Crawford		x	x	x			B	x		
Trib. to Crooked Cr.	P	1.0	Mouth	Lk Girardeau Dam	Cape Girardeau		x	x	x			B	x		
Trib. to Crooked Cr.	C	1.5	9,30N,11E	5,30N,11E	Cape Girardeau		x	x	x			B	x		

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Trib. to Crooked Cr.	C	1.0	Mouth	14,30N,10E	Bollinger		x	x	x			B	x		
Trib. to Crooked Cr.	C	0.7	Mouth	32,30N,11E	Cape Girardeau		x	x	x			B	x		
Trib. to Cub Cr.	C	1.9	Mouth	17,35N,1E	Washington		x	x	x			B	x		
Trib. to Davis Cr.	C	3.0	Mouth	3,61N,38W	Holt		x	x	x				x		
Trib. to Deer Cr.	P	1.0	Mouth	33,45N,08W	Osage		x	x	x			B	x		
Trib. to Deer Cr.	C	1.9	33,45N,08W	04,44N,08W	Osage		x	x	x			B	x		
Trib. to Deer Cr.	P	0.3	Mouth	06,39N,20W	Benton		x	x	x			B	x		
Trib. to Deer Cr.	P	0.8	Mouth	28,40N,20W	Benton		x	x	x			B	x		
Trib. to Dillard Cr.	C	1.5	Mouth	20,31N,11E	Cape Girardeau		x	x	x			B	x		
Trib. to Dry Cr.	C	1.0	Mouth	15,36N,3W	Crawford		x	x	x			B	x		
Trib. to Dry Cr.	C	1.8	Mouth	36,37N,3W	Crawford		x	x	x			B	x		
Trib. to Dry Cr.	C	4.8	Mouth	20,25N,9W	Howell		x	x	x			B	x		
Trib. to Dry Cr.	C	2.2	Mouth	10,25N,9W	Howell		x	x	x			B	x		
Trib. to Dry Fork	C	2.0	Mouth	34,37N,07W	Phelps		x	x	x			B	x		
Trib. to Dry Fork	C	0.4	Mouth	27,38N,06W	Phelps		x	x	x			B	x		
Trib. to Dunn Spring Cr.	C	1.5	Mouth	Sur 976,44N,1E	Franklin		x	x	x			B	x		
Trib. to E. Brush Cr.	C	0.5	Mouth	3,45N,15W	Moniteau		x	x	x			B	x		
Trib. to E. Fk. Crooked R.	C	4.8	Mouth	24,54N,28W	Ray		x	x	x			B	x		
Trib. to E. Fk. Huzzah Cr.	C	1.0	Mouth	30,34N,2W	Dent		x	x	x			B	x		
Trib. to E. Fk. L. Blue R.	P	1.9	Mouth	Lk. Tapawingo Dam	Jackson		x	x	x			B	x		
Trib. to E. Fk. Lost Cr.	P	1.0	Mouth	2,27N,7E	Wayne		x	x	x			B	x		
Trib. to E. Fk. Lost Cr.	C	1.0	2,27N,7E	2,27N,7E	Wayne		x	x	x			B	x		
Trib. to E. Fk. Rock Cr.	C	1.0	Mouth	18,22N,25W	Barry		x	x	x			B	x		
Trib. to E. Fk. Rock Cr.	C	1.0	Mouth	11,22N,26W	Barry		x	x	x			B	x		
Trib. to E. Fk. Sni-a-bar	C	3.8	Mouth	22,48N,28W	Lafayette		x	x	x			B	x		
Trib. to E. Fk. Sni-a-bar	C	2.7	Mouth	19,48N,28W	Lafayette		x	x	x			B	x		
Trib. to East Cr.	C	1.3	Mouth	32,46N,32W	Cass		x	x	x			B	x		
Trib. to Edmondson Cr.	C	3.1	Mouth	15,52N,20W	Saline		x	x	x			B	x		
Trib. to Elk Br.	C	0.2	Mouth	32,46N,22W	Pettis		x	x	x			B	x		
Trib. to Elk Cr.	P	2.0	Mouth	25,29N,10W	Texas		x	x	x			B	x		
Trib. to Elk Fk.	C	0.2	Mouth	16,44N,23W	Pettis		x	x	x			B	x		
Trib. to Factory Cr.	P	0.5	Mouth	2,46N,14W	Moniteau		x	x	x			B	x		
Trib. to Factory Cr.	C	0.5	2,46N,14W	35,47N,14W	Moniteau		x	x	x			B	x		
Trib. to Factory Cr.	C	0.9	Mouth	29,47N,14W	Moniteau		x	x	x			B	x		
Trib. to First Cr.	C	2.0	Mouth	28,45N,5W	Gasconade		x	x	x			B	x		
Trib. to Flat Cr.	C	2.2	Mouth	26,22N,28W	Barry		x	x	x			B	x		
Trib. to Flat Cr.	C	3.2	Mouth	15,45N,20W	Pettis		x	x	x			B	x		
Trib. to Flat Cr.	C	1.8	Mouth	18,45N,20W	Pettis		x	x	x			B	x		
Trib. to Flat Cr.	C	1.5	Mouth	18,45N,21W	Pettis		x	x	x			B	x		
Trib. to Flat Cr.	C	1.8	Mouth	24,45N,22W	Pettis		x	x	x			B	x		
Trib. to Flat Cr.	C	0.9	Mouth	10,44N,22W	Pettis		x	x	x			B	x		
Trib. to Flat Cr.	C	1.4	Mouth	19,44N,22W	Pettis		x	x	x			B	x		
Trib. to Flat Cr.	C	2.7	Mouth	07,43N,22W	Pettis		x	x	x			B	x		
Trib. to Flat Cr.	C	1.0	Mouth	14,43N,23W	Pettis	Benton	x	x	x			B	x		
Trib. to Fleck Cr.	C	2.5	Mouth	28,32N,33W	Barton		x	x	x			B	x		
Trib. to Fourche a DuClos Cr.	C	1.0	Mouth	31,38N,7E	Ste. Genevieve		x	x	x			B	x		
Trib. to Frene Cr.	C	0.5	Mouth	10,45N,5W	Gasconade		x	x	x			B	x		

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Trib. to Gasconade R.	C	2.2	Mouth	24,44N,7W	Gasconade	Osage		x	x	x		B	x		
Trib. to Gasconade R.	C	0.5	26,29N,16W	34,29N,16W	Wright			x	x	x		B	x		
Trib. to Gasconade R.	C	1.4	Mouth	2,38N,9W	Phelps			x	x	x		B	x		
Trib. to Gizzard Cr.	C	1.0	Mouth	1,29N,10E	Bollinger			x	x	x		B	x		
Trib. to Goose Cr.	C	3.0	Mouth	18,28N,25W	Lawrence			x	x	x		B	x		
Trib. to Goose Pond Ditch	C	1.0	Mouth	4,26N,9E	Stoddard			x	x	x		B	x		
Trib. to Greasy Cr.	C	2.0	Mouth	15,21N,29W	Barry			x	x	x		B	x		
Trib. to Greedy Cr.	P	0.2	Mouth	Hwy B	Gasconade			x	x	x		B	x		
Trib. to Grindstone Cr.	C	1.0	Mouth	9,57N,30W	DeKalb			x	x	x		B	x		
Trib. to Hamilton Cr.	C	0.9	Mouth	29,40N,1W	Washington			x	x	x		B	x		
Trib. to Haw Cr.	P	1.0	Mouth	19,43N,19W	Morgan			x	x	x		B	x		
Trib. to Haw Cr.	C	1.0	Mouth	26,43N,20W	Benton			x	x	x		B	x		
Trib. to Hazel Cr.	C	0.8	Mouth	22,36N,1E	Washington			x	x	x		B	x		
Trib. to Heaths Cr.	C	3.9	Mouth	28,47N,22W	Pettis			x	x	x		B	x		
Trib. to Heaths Cr.	C	2.0	Mouth	20,47N,22W	Pettis			x	x	x		B	x		
Trib. to Heaths Cr.	C	1.1	Mouth	08,47N,21W	Pettis			x	x	x		B	x		
Trib. to Heaths Cr.	C	0.5	Mouth	32,48N,21W	Pettis			x	x	x		B	x		
Trib. to Henry Cr.	C	1.2	Mouth	31,44N,21W	Pettis	Benton		x	x	x		B	x		
Trib. to Hess Cr.	C	0.7	Mouth	18,47N,21W	Pettis			x	x	x		B	x		
Trib. to Hickory Cr.	C	0.6	Mouth	9,60N,25W	Grundy			x	x	x		B	x		
Trib. to Higgins Cr.	C	0.5	Mouth	34,43N,12W	Cole			x	x	x		B	x		
Trib. to High Cr.	C	2.0	Mouth	14,66N,41W	Atchison			x	x	x		B	x		
Trib. to Hinch Cr.	C	1.0	Mouth	34,39N,2W	Crawford			x	x	x		B	x		
Trib. to Hinkson Cr.	C	0.5	Mouth	2,49N,12W	Boone			x	x	x		B	x		
Trib. to Hogan Fk.	C	2.0	Mouth	13,44N,27W	Johnson			x	x	x		B	x		
Trib. to Hogles Cr.	C	1.0	Mouth	26,39N,24W	St. Clair			x	x	x		B	x		
Trib. to Hogles Cr.	C	3.3	Mouth	22,37N,23W	Hickory			x	x	x		B	x		
Trib. to Hogles Cr.	C	1.1	Mouth	32,39N,23W	Benton			x	x	x		B	x		
Trib. to Honey Run	C	0.8	Mouth	6,38N,15W	Camden			x	x	x		B	x		
Trib. to Horse Cr.	C	2.0	Mouth	29,32N,28W	Dade			x	x	x		B	x		
Trib. to Howell Cr.	C	1.4	Mouth	12,23N,7W	Howell			x	x	x		B	x		
Trib. to Huzzah Cr.	C	1.2	Mouth	26,38N,3W	Crawford			x	x	x		B	x		
Trib. to Huzzah Cr.	C	1.6	Mouth	29,37N,2W	Crawford			x	x	x		B	x		
Trib. to Huzzah Cr.	C	1.2	Mouth	17,35N,2W	Crawford			x	x	x		B	x		
Trib. to Huzzah Cr.	C	1.0	Mouth	4,35N,2W	Crawford			x	x	x		B	x		
Trib. to Indian Cr.	C	0.6	Mouth	6,40N,1E	Franklin			x	x	x		B	x		
Trib. to Indian Cr.	C	2.5	Mouth	15,40N,1W	Washington			x	x	x		B	x		
Trib. to Indian Cr.	C	1.1	27,35N,4E	27,35N,04E	St. Francois			x	x	x		B	x		
Trib. to Indian Cr.	C	0.3	Mouth	07,35N,01W	Washington			x	x	x			x		
Trib. to Indian Cr.	P	0.9	Mouth	27,35N,4E	St. Francois			x	x	x		B	x		
Trib. to Indian Cr.	P	0.1	Mouth	35,42N,21W	Benton			x	x	x		B	x		
Trib. to Indian Cr.	C	1.9	Mouth	34,42N,20W	Benton			x	x	x		B	x		
Trib. to Indian Cr.	C	0.2	Mouth	12,40N,01W	Franklin			x	x	x		B	x		
Trib. to Indian Cr.	C	0.9	Mouth	21,40,9W	Maries			x	x	x		B	x		
Trib. to Indian Cr.	C	0.5	Mouth	6,38N,1E	Washington			x	x	x		B	x		
Trib. to James Cr.	C	1.0	Mouth	22,35N,3W	Crawford			x	x	x		B	x		
Trib. to Jenkins Cr.	C	1.8	7,27N,29W	20,27N,29W	Jasper	Newton		x	x	x		B	x		

IRR-Irrigation
LWP-Livestock & Wildlife Protection
WWH-Protection of Warm Water Habitat
and Human Health Protection (HHHP)

CLH-Cool Water Habitat
CDH-Cold Water Habitat
WBC-Whole Body Contact Recreation

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
IND-Industrial Water Supply

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Trib. to Joachim Cr.	C	1.0	Mouth	10,39N,4E	Jefferson		x	x	x			B	x		
Trib. to Johns Cr.	C	1.0	Mouth	23,36N,1W	Washington		x	x	x			B	x		
Trib. to Knobby Cr.	P	0.9	Mouth	35,40N,20W	Benton		x	x	x			B	x		
Trib. to L. Apple Cr.	C	0.5	Mouth	18,33N,12E	Cape Girardeau		x	x	x			B	x		
Trib. to L. Beaver Cr.	C	2.3	Mouth	15,37N,8W	Phelps		x	x	x				x		
Trib. to L. Berger Cr.	C	1.0	Mouth	4,45N,4W	Gasconade		x	x	x			B	x		
Trib. to L. Berger Cr.	C	0.5	Mouth	18,45N,4W	Gasconade		x	x	x			B	x		
Trib. to L. Boeuf Cr.	C	0.3	Mouth	15,44N,2W	Franklin		x	x	x			B	x		
Trib. to L. Boeuf Cr.	C	1.2	Mouth	11,44N,2W	Franklin		x	x	x			B	x		
Trib. to L. Bourbeuse R.	C	1.2	Mouth	4,39N,4W	Crawford		x	x	x			B	x		
Trib. to L. Bourbeuse R.	C	2.0	Mouth	4,39N,4W	Crawford		x	x	x			B	x		
Trib. to L. Bourbeuse R.	C	0.1	Mouth	04,39N,07W	Maries		x	x	x			B	x		
Trib. to L. Bourbeuse R.	P	1.4	Mouth	02,39N,04W	Crawford		x	x	x			B	x		
Trib. to L. Clear Cr.	C	1.0	Mouth	2,36N,28W	St. Clair		x	x	x			B	x		
Trib. to L. Courtois Cr.	C	0.5	Mouth	2,39N,1W	Washington		x	x	x			B	x		
Trib. to L. Deer Cr.	C	0.4	Mouth	24,39N,21W	Benton		x	x	x			B	x		
Trib. to L. Dry Wood Cr.	C	1.3	Mouth	02,34N,32W	Vernon		x	x	x			B	x		
Trib. to L. Finley Cr.	P	2.0	Mouth	7,28N,17W	Webster		x	x	x			B	x		
Trib. to L. Indian Cr.	C	1.0	Mouth	26,40N,1E	Washington		x	x	x			B	x		
Trib. to L. Indian Cr.	C	0.5	Mouth	15,40N,1E	Franklin	Washington	x	x	x			B	x		
Trib. to L. Indian Cr.	C	0.5	Mouth	26,50N,1E	Washington		x	x	x			B	x		
Trib. to L. Maries Cr.	C	1.5	Mouth	30,42N,10W	Osage		x	x	x			B	x		
Trib. to L. Maries R.	C	0.5	Mouth	3,40N,10W	Maries		x	x	x			B	x		
Trib. to L. Maries R.	C	0.9	Mouth	11,39N,11W	Maries		x	x	x			B	x		
Trib. to L. Maries R.	C	1.8	Mouth	09,40N,10W	Maries		x	x	x			B	x		
Trib. to L. Maries R.	C	0.1	Mouth	09,38N,11W	Maries		x	x	x			B	x		
Trib. to L. Mill Cr.	C	0.6	Mouth	19,38N,21W	Hickory		x	x	x			B	x		
Trib. to L. Moniteau Cr.	C	3.0	Mouth	11,45N,15W	Moniteau		x	x	x			B	x		
Trib. to L. Muddy Cr.	C	2.9	Mouth	06,46N,22W	Pettis		x	x	x			B	x		
Trib. to L. Muddy Cr.	C	2.5	Mouth	04,46N,22W	Pettis		x	x	x			B	x		
Trib. to L. Muddy Cr.	C	1.0	Mouth	14,46N,22W	Pettis		x	x	x			B	x		
Trib. to L. N. Fk. Spring R.	C	1.2	Mouth	29,31N,32W	Barton		x	x	x			B	x		
Trib. to L. Rocky Cr.	C	1.0	Mouth	1,28N,3W	Shannon		x	x	x			B	x		
Trib. to L. Sandy Cr.	C	2.1	Mouth	Sur 1686,51N,1W	Lincoln		x	x	x			B	x		
Trib. to L. Splice Cr.	C	1.0	Mouth	19,47N,14W	Moniteau		x	x	x			B	x		
Trib. to L. Tavern Cr.	C	1.1	Mouth	27,40N,11W	Maries		x	x	x			B	x		
Trib. to L. Tavern Cr.	C	1.3	Mouth	15,40N,11W	Maries		x	x	x			B	x		
Trib. to L. Tavern Cr.	C	1.2	Mouth	22,40N,11W	Maries		x	x	x			B	x		
Trib. to L. Tebo Cr.	C	1.5	Mouth	30,42N,22W	Benton		x	x	x			B	x		
Trib. to L. Tebo Cr.	C	0.9	Mouth	21,42N,22W	Benton		x	x	x			B	x		
Trib. to L. Turkey Cr.	C	1.4	Mouth	3,39N,22W	Benton		x	x	x			B	x		
Trib. to L. Weaubleau Cr.	C	0.5	Mouth	12,36N,23W	Hickory		x	x	x			B	x		
Trib. to La Barque Cr.	P	1.0	Mouth	4,42N,3E	Jefferson		x	x	x			B	x		
Trib. to Labadie Cr.	P	1.6	Mouth	6,43N,2E	Franklin		x	x	x			B	x		
Trib. to Labadie Cr.	C	0.5	Mouth	1,43N,1E	Franklin		x	x	x				x		
Trib. to Labadie Cr.	C	1.0	Mouth	32,44N,2E	Franklin		x	x	x			B	x		
Trib. to Lake Cr.	C	1.2	Mouth	17,43N,20W	Benton		x	x	x			B	x		

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Trib. to Lake Cr.	C	0.6	Mouth	09,43N,20W	Benton		x	x	x			B	x		
Trib. to Lake Cr.	C	4.0	Mouth	02,43N,20W	Pettis	Benton	x	x	x			B	x		
Trib. to Lake Niangua	C	0.7	Mouth	19,37N,17W	Camden		x	x	x			B	x		
Trib. to Lake of Ozarks	C	1.0	Mouth	17,40N,19W	Camden		x	x	x			B	x		
Trib. to Lake of Ozarks	C	0.8	Mouth	5,39N,19W	Camden		x	x	x			B	x		
Trib. to Lake of Ozarks	C	0.7	Mouth	11,39N,19W	Camden		x	x	x			B	x		
Trib. to Lick Cr.	C	1.2	Mouth	34,39N,4W	Crawford		x	x	x			B	x		
Trib. to Lick Log Cr.	C	1.0	Mouth	33,29N,8E	Bollinger		x	x	x			B	x		
Trib. to Lindley Cr.	C	3.0	Mouth	34,35N,20W	Dallas		x	x	x			B	x		
Trib. to Little Cr.	C	1.0	Mouth	18,24N,15W	Ozark		x	x	x			B	x		
Trib. to Lk. Wappapello	P	0.5	Mouth	8,27N,7E	Wayne		x	x	x			B	x		
Trib. to Lk. Wappapello	C	0.5	8,27N,7E	9,27N,7E	Wayne		x	x	x			B	x		
Trib. to Logan Cr.	C	1.0	Mouth	28,44N,13W	Cole		x	x	x			B	x		
Trib. to Long Br.	C	0.4	Mouth	07,45N,23W	Pettis		x	x	x			B	x		
Trib. to Lost Cr.	C	1.0	Mouth	18,37N,1E	Washington		x	x	x			B	x		
Trib. to Lost Cr.	C	1.0	Mouth	21,37N,1W	Washington		x	x	x			B	x		
Trib. to Lost Cr.	C	0.5	Mouth	13,37N,1E	Washington		x	x	x			B	x		
Trib. to Loutre R.	C	4.0	Mouth	20,50N,7W	Audrain		x	x	x			B	x		
Trib. to Macks Cr.	C	1.0	Mouth	18,37N,18W	Camden		x	x	x			B	x		
Trib. to Macks Cr.	C	1.0	Mouth	6,37N,18W	Camden		x	x	x			B	x		
Trib. to Marble Cr.	C	0.5	Mouth	18,32N,5E	Madison		x	x	x			B	x		
Trib. to Marble Cr.	C	1.5	Mouth	22,33N,4E	Iron		x	x	x			B	x		
Trib. to Maries R.	C	0.4	Mouth	18,38N,10W	Maries		x	x	x			B	x		
Trib. to Maries R.	C	0.7	Mouth	14,38N,11W	Maries		x	x	x			B	x		
Trib. to Maries R.	C	1.7	Mouth	9,39N,10W	Maries		x	x	x			B	x		
Trib. to Maries R.	C	0.5	Mouth	06,39N,10W	Maries		x	x	x			B	x		
Trib. to Maries R.	C	2.5	Mouth	21,42N,10W	Osage		x	x	x			B	x		
Trib. to Maries R.	P	0.5	Mouth	12,41N,10W	Osage		x	x	x			B	x		
Trib. to Massey Cr.	C	3.3	Mouth	33,45N,33W	Cass		x	x	x			B	x		
Trib. to Maupin Br.	P	2.0	Mouth	26,47N,14W	Moniteau		x	x	x			B	x		
Trib. to Meramec R.	C	0.8	Mouth	29,38N,5W	Crawford		x	x	x			B	x		
Trib. to Meramec R.	C	1.4	Mouth	2,36N,5W	Crawford		x	x	x			B	x		
Trib. to Meramec R.	C	1.3	Mouth	23,36N,5W	Crawford		x	x	x			B	x		
Trib. to Meramec R.	C	1.0	Mouth	26,37N,5W	Crawford		x	x	x			B	x		
Trib. to Meramec R.	C	1.2	Mouth	8,37N,5W	Crawford		x	x	x			B	x		
Trib. to Meramec R.	C	2.4	Mouth	2,37N,5W	Crawford		x	x	x			B	x		
Trib. to Middle Big Cr.	C	3.6	Mouth	Lake Harrisonville	Cass		x	x	x			B	x		
Trib. to Mill Cr.	C	1.8	Mouth	14,37N,15W	Camden		x	x	x			B	x		
Trib. to Mill Cr.	C	1.0	Mouth	33,51N,1W	Lincoln		x	x	x			B	x		
Trib. to Mill Cr.	C	1.8	Mouth	13,66N,38W	Nodaway		x	x	x			B	x		
Trib. to Mill Cr.	C	0.3	Mouth	14,37N,21W	Hickory		x	x	x			B	x		
Trib. to Mill Cr.	C	0.6	Mouth	9,37N,21W	Hickory		x	x	x			B	x		
Trib. to Mill Cr.	C	0.1	Mouth	10,40N,08W	Maries		x	x	x			B	x		
Trib. to Mill Cr.	C	0.5	Mouth	26,36N,3E	Washington		x	x	x			B	x		
Trib. to Mine a Breton Cr.	C	0.4	Mouth	24,37N,2E	Washington		x	x	x			B	x		
Trib. to Mineral Br.	C	0.5	Mouth	16,44N,15W	Moniteau		x	x	x			B	x		
Trib. to Mineral Cr.	C	1.0	Mouth	18,44N,25W	Johnson		x	x	x			B	x		

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Trib. to Mineral Fk.	C	2.0	Mouth	33,39N,3E	Washington		x	x	x			B	x		
Trib. to Missouri R.	P1	3.0	Mouth	21,44N,1E	St. Charles		x	x	x			B	x		
Trib. to Missouri R.	C	3.1	Mouth	07,44N,01W	Franklin		x	x	x			B	x		
Trib. to Missouri R.	C	5.3	Mouth	14,51N,23W	Saline		x	x	x			B	x		
Trib. to Moreau R.	C	0.5	Mouth	06,43N,12W	Cole		x	x	x					x	
Trib. to Moss Cr.	P	0.5	Mouth	12,52N,24W	Carroll		x	x	x			B	x		
Trib. to Mud Cr.	C	0.8	Mouth	12,55N,26W	Caldwell		x	x	x			B	x		
Trib. to Mud Cr.	C	2.0	Mouth	24,55N,26W	Caldwell		x	x	x			B	x		
Trib. to Mud Cr.	C	1.0	Mouth	12,55N,26W	Caldwell		x	x	x			B	x		
Trib. to Muddy Cr.	C	1.7	Mouth	10,46N,21W	Pettis		x	x	x			B	x		
Trib. to Muddy Cr.	C	1.9	Mouth	06,45N,22W	Pettis		x	x	x			B	x		
Trib. to Muddy Cr.	C	1.1	Mouth	32,46N,22W	Pettis		x	x	x			B	x		
Trib. to Muddy Cr.	C	1.0	Mouth	04,45N,22W	Pettis		x	x	x			B	x		
Trib. to Muddy Cr.	C	2.5	Mouth	24,46N,23W	Pettis		x	x	x				x		
Trib. to Muddy Cr.	C	2.0	Mouth	29,60N,22W	Grundy		x	x	x			B	x		
Trib. to Murphy Cr.	C	0.5	Mouth	4,36N,14W	Camden		x	x	x			B	x		
Trib. to Murphy Cr.	C	1.0	Mouth	34,37N,14W	Camden		x	x	x			B	x		
Trib. to N. Br. Wilsons Cr.	C	1.3	16,29N,22W	10,29N,22W	Greene		x	x	x			B	x		
Trib. to N. Br. Wilsons Cr.	C	0.5	Mouth	9,29N,22W	Greene		x	x	x			B	x		
Trib. to N. Fk. Cuivre R.	C	2.0	Mouth	25,51N,2W	Lincoln		x	x	x			B	x		
Trib. to N. Fk. Spring R.	C	5.3	Mouth	31,33N,30W	Barton		x	x	x			B	x		
Trib. to N. Fk. White R.	C	1.2	Mouth	34,23N,12W	Ozark		x	x	x			B	x		
Trib. to N. Indian Cr.	P	1.3	Mouth	19,24N,30W	Newton		x	x	x			B	x		
Trib. to N. Moreau Cr.	C	0.8	Mouth	23,44N,13W	Cole		x	x	x			B	x		
Trib. to N. Moreau Cr.	C	0.5	Mouth	8,44N,13W	Cole		x	x	x			B	x		
Trib. to N. Moreau Cr.	C	2.4	Mouth	33,45N,15W	Moniteau		x	x	x				x		
Trib. to N. Moreau Cr.	C	0.5	Mouth	4,44N,15W	Moniteau		x	x	x			B	x		
Trib. to N. Moreau Cr.	C	2.0	Mouth	2,44N,16W	Moniteau		x	x	x			B	x		
Trib. to N. Moreau Cr.	C	2.0	Mouth	12,44N,16W	Moniteau		x	x	x			B	x		
Trib. to N. Moreau Cr.	C	2.0	Mouth	18,44N,15W	Moniteau		x	x	x			B	x		
Trib. to N. Prong Jacks Fk.	C	2.3	Mouth	28,29N,8W	Texas		x	x	x			B	x		
Trib. to Niangua R.	C	1.2	Mouth	17,37N,17W	Camden		x	x	x			B	x		
Trib. to Nichols Cr.	C	1.3	Mouth	29,61N,37W	Holt		x	x	x			B	x		
Trib. to Nodaway R.	C	1.0	Mouth	13,60N,37W	Andrew		x	x	x			B	x		
Trib. to North Cut Ditch	C	2.0	Mouth	36,29N,14E	Scott		x	x	x			B	x		
Trib. to North Cut Ditch	C	4.0	Mouth	34,27N,14E	Scott		x	x	x			B	x		
Trib. to Old Town Br.	C	1.7	Mouth	01,36N,31W	Vernon		x	x	x			B	x		
Trib. to Omete Cr.	C	1.3	Mouth	16,35N,12E	Perry		x	x	x			B	x		
Trib. to Osage Fk.	P	3.0	Mouth	29,30N,17W	Webster		x	x	x			B	x		
Trib. to Osage R.	C	2.0	Mouth	9,43N,10W	Cole		x	x	x			B	x		
Trib. to Osage R.	C	0.8	Mouth	9,42N,12W	Cole		x	x	x			B	x		
Trib. to Panther Cr.	C	2.4	Mouth	23,57N,26W	Caldwell		x	x	x			B	x		
Trib. to Peno Cr.	C	1.0	19,55N,3W	30,55N,3W	Pike		x	x	x			B	x		
Trib. to Perche Cr.	C	2.0	Mouth	5,47N,13W	Boone		x	x	x				x		
Trib. to Perkins Cr.	C	2.0	Mouth	25,30N,8E	Bollinger		x	x	x			B	x		
Trib. to Pierce Cr.	C	0.9	Mouth	31,41N,02E	Franklin		x	x	x			B	x		
Trib. to Pierce Cr.	C	1.0	Mouth	06,40N,02E	Franklin		x	x	x			B	x		

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Trib. to Pike Cr.	C	0.8	Mouth	32,27N,2W	Carter		x	x	x			B	x		
Trib. to Pippin Br.	C	1.5	Mouth	29,37N,20W	Hickory		x	x	x			B	x		
Trib. to Pippin Br.	C	0.5	Mouth	26,37N,20W	Hickory		x	x	x			B	x		
Trib. to Plattin Cr.	P	1.0	Mouth	13,39N,5E	Jefferson		x	x	x			B	x		
Trib. to Pond Cr.	C	1.9	35,38N,3E	11,37N,3E	Washington		x	x	x			B	x		
Trib. to Pond Cr.	C	1.0	Mouth	15,29N,8E	Bollinger		x	x	x			B	x		
Trib. to Possum Hollow	P	0.5	Mouth	22,27N,7E	Wayne		x	x	x			B	x		
Trib. to Possum Hollow	C	0.5	22,27N,7E	15,27N,7E	Wayne		x	x	x			B	x		
Trib. to Prairie Cr.	C	1.0	Mouth	24,52N,35W	Platte		x	x	x			B	x		
Trib. to Province Br.	C	1.0	Mouth	3,29N,25W	Lawrence		x	x	x			B	x		
Trib. to Pruett Cr.	C	1.0	Mouth	21,38N,5W	Crawford		x	x	x			B	x		
Trib. to Puncheon Cr.	C	1.5	Mouth	30,44N,5W	Gasconade		x	x	x			B	x		
Trib. to Pyatt Hollow	C	1.5	Mouth	24,36N,3W	Crawford		x	x	x			B	x		
Trib. to Raccoon Cr.	C	1.0	Mouth	9,61N,25W	Grundy		x	x	x			B	x		
Trib. to Red Oak Cr.	P	0.5	Mouth	35,42N,05W	Gasconade		x	x	x			B	x		
Trib. to Red Oak Cr.	C	1.9	35,42N,05W	27,42N,05W	Gasconade		x	x	x				x		
Trib. to Rings Cr.	C	1.0	Mouth	14,29N,4E	Wayne		x	x	x			B	x		
Trib. to Rings Cr.	C	0.5	Mouth	26,29N,4E	Wayne		x	x	x			B	x		
Trib. to Rockhouse Cr.	C	3.0	Mouth	34,23N,26W	Barry		x	x	x			B	x		
Trib. to S. Fk. Apple Cr.	C	0.8	Mouth	33,34N,10E	Perry		x	x	x			B	x		
Trib. to S. Fk. Blackwater R.	C	1.3	Mouth	3,46N,23W	Pettis		x	x	x			B	x		
Trib. to S. Fk. Blackwater R.	C	3.9	Mouth	18,46N,28W	Johnson		x	x	x			B	x		
Trib. to S. Fk. Brush Cr.	C	1.7	Mouth	33,35N,24W	Polk		x	x	x			B	x		
Trib. to S. Fk. N. Fabius R.	C	4.1	Mouth	30,67N,14W	Schuyler		x	x	x			B	x		
Trib. to S. Fk. Saline Cr.	P	2.0	Mouth	3,34N,9E	Perry		x	x	x			B	x		
Trib. to S. Fk. Salt R.	C	0.5	Mouth	35,52N,9W	Audrain		x	x	x			B	x		
Trib. to S. Fk. Spring R.	P	1.0	Mouth	34,22N,8W	Howell		x	x	x			B	x		
Trib. to S. Fk. Weaubleau Cr.	C	7.0	Mouth	25,36N,24W	St. Clair	Hickory	x	x	x				x		
Trib. to S. Flat Cr.	C	2.4	Mouth	24,43N,22W	Benton		x	x	x				x		
Trib. to S. Flat Cr.	C	1.1	Mouth	03,43N,21W	Pettis		x	x	x			B	x		
Trib. to S. Moreau Cr.	C	1.5	Mouth	28,43N,15W	Moniteau		x	x	x			B	x		
Trib. to S. Moreau Cr.	P	0.8	Mouth	31,43N,15W	Moniteau		x	x	x			B	x		
Trib. to S. Moreau Cr.	C	1.5	31,43N,15W	25,43N,16W	Moniteau		x	x	x			B	x		
Trib. to S. Moreau Cr.	C	0.7	Mouth	25,43N,14W	Cole		x	x	x			B	x		
Trib. to S. Moreau Cr.	C	0.5	Mouth	24,43N,13W	Cole		x	x	x			B	x		
Trib. to S. Moreau Cr.	C	1.5	Mouth	29,42N,15W	Miller		x	x	x			B	x		
Trib. to Salt Cr.	C	1.3	Mouth	17,38N,26W	St. Clair		x	x	x			B	x		
Trib. to Schawanee Spr. Br.	C	1.2	Mouth	33,35N,11E	Perry		x	x	x			B	x		
Trib. to Sellars Cr.	C	1.0	Mouth	6,36N,14W	Camden		x	x	x			B	x		
Trib. to Shaver Cr.	C	0.9	Mouth	28,46N,20W	Pettis		x	x	x			B	x		
Trib. to Shaver Cr.	C	1.3	Mouth	14,46N,20W	Pettis		x	x	x			B	x		
Trib. to Shaver Cr.	C	1.1	Mouth	06,45N,20W	Pettis		x	x	x			B	x		
Trib. to Shibboleth Cr.	C	1.3	Mouth	9,38N,3E	Washington		x	x	x				x		
Trib. to Shoal Cr.	C	1.0	Mouth	34,37N,2W	Crawford		x	x	x			B	x		
Trib. to Shoal Cr.	C	0.5	Mouth	34,37N,2W	Crawford		x	x	x			B	x		

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Trib. to Shoal Cr.	P	1.0	Mouth	10,26N,32W	Newton		x	x	x			B	x		
Trib. to Silver Fk.	C	1.5	Mouth	19,51N,11W	Boone		x	x	x			B	x		
Trib. to Silver Fk.	C	1.0	Mouth	28,50N,13W	Boone		x	x	x			B	x		
Trib. to Spring Cr.	P	1.0	Mouth	18,26N,23W	Stone		x	x	x			B	x		
Trib. to Spring Cr.	C	1.1	Mouth	14,38N,08W	Phelps		x	x	x			B	x		
Trib. to Spring Cr.	P	0.8	14,38N,08W	10,38N,08W	Phelps		x	x	x			B	x		
Trib. to Spring Cr.	C	0.7	Mouth	26,35N,10W	Phelps		x	x	x			B	x		
Trib. to Spring Fk.	C	2.5	Mouth	02,43N,21W	Pettis	Benton	x	x	x			B	x		
Trib. to Spring Fk.	C	0.7	Mouth	36,44N,21W	Pettis		x	x	x			B	x		
Trib. to Spring R.	C	5.0	Mouth	23,29N,33W	Jasper		x	x	x			B	x		
Trib. to Spring R.	C	2.7	Mouth	1,28N,28W	Lawrence		x	x	x			B	x		
Trib. to Spring R.	C	1.0	16,28N,28W	15,28N,28W	Lawrence		x	x	x			B	x		
Trib. to Spring R.	P	2.8	Mouth	5,28N,28W	Lawrence		x	x	x			B	x		
Trib. to St. Francis R.	C	1.0	Mouth	9,35N,4E	St. Francois		x	x	x			B	x		
Trib. to St. Francis R.	C	1.0	Mouth	33,31N,5E	Madison		x	x	x			B	x		
Trib. to St. John's Cr.	C	1.5	Mouth	18,43N,2W	Franklin		x	x	x			B	x		
Trib. to St. John's Cr.	C	2.9	Mouth	7,44N,1W	Franklin		x	x	x				x		
Trib. to Stahl Cr.	C	2.6	Mouth	22,29N,27W	Lawrence		x	x	x			B	x		
Trib. to Starks Cr.	C	0.8	Mouth	19,37N,20W	Hickory		x	x	x			B	x		
Trib. to Starks Cr.	C	1.1	Mouth	29,38N,20W	Hickory		x	x	x			B	x		
Trib. to Starks Cr.	C	0.5	Mouth	18,37N,20W	Hickory		x	x	x			B	x		
Trib. to Starks Cr.	C	1.9	Mouth	18,38N,20W	Hickory		x	x	x			B	x		
Trib. to Starks Cr.	C	1.0	Mouth	02,37N,21W	Hickory		x	x	x			B	x		
Trib. to Stockton Br.	C	2.0	Mouth	6,34N,26W	Cedar		x	x	x			B	x		
Trib. to Stouts Cr.	C	0.5	Mouth	6,33N,5E	Madison		x	x	x			B	x		
Trib. to Stouts Cr.	C	1.0	Mouth	6,33N,5E	Madison		x	x	x			B	x		
Trib. to Stouts Cr.	C	1.3	Mouth	36,34N,03E	Iron		x	x	x			B	x		
Trib. to Strobel Br.	C	0.5	Mouth	1,44N,14W	Cole		x	x	x			B	x		
Trib. to Strobel Br.	C	0.5	Mouth	36,45N,14W	Cole		x	x	x			B	x		
Trib. to Sweetwater Br.	C	1.0	Mouth	19,34N,7E	Madison		x	x	x			B	x		
Trib. to Tater Hill Cr.	C	2.0	Mouth	22,55N,24W	Carroll		x	x	x			B	x		
Trib. to Tavern Cr.	C	0.1	Mouth	01,44N,02E	Franklin		x	x	x			B	x		
Trib. to Third Cr.	C	1.0	Mouth	5,42N,6W	Gasconade		x	x	x			B	x		
Trib. to Third Cr.	C	0.7	Mouth	6,42N,6W	Gasconade		x	x	x			B	x		
Trib. to Thomas Cr.	C	0.5	Mouth	26,36N,20W	Dallas		x	x	x			B	x		
Trib. to Trib. M. Fk. Tebo Cr.	C	1.3	Mouth	36,44N,25W	Henry		x	x	x			B	x		
Trib. to Trib. to Wolf Cr.	C	0.8	Mouth	32,36N,6E	St. Francois		x	x	x			B	x		
Trib. To trib. to Flat Cr.	C	2.1	Mouth	13,45N,20W	Pettis		x	x	x			B	x		
Trib. to trib. to Heaths Cr.	C	1.5	Mouth	27,47N,22W	Pettis		x	x	x			B	x		
Trib. to Trib. to Weableau Cr.	C	0.8	Mouth	15,36N,23W	Hickory		x	x	x			B	x		
Trib. to Turkey Cr.	C	2.2	Mouth	2,31N,24W	Polk		x	x	x			B	x		
Trib. to Turkey Cr.	C	0.3	Mouth	09,38N,21W	Hickory		x	x	x			B	x		
Trib. to Turkey Cr.	C	2.4	Mouth	14,38N,21W	Hickory		x	x	x			B	x		
Trib. to Turkey Cr.	C	1.0	Mouth	23,38N,21W	Hickory		x	x	x			B	x		
Trib. to Turkey Cr.	C	0.5	Mouth	20,47N,21W	Pettis		x	x	x			B	x		
Trib. to Turkey Cr.	C	1.7	Mouth	33,39N,21W	Benton		x	x	x			B	x		

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Trib. to Turkey Cr.	C	1.0	Mouth	29,57N,26W	Caldwell		x	x	x			B	x		
Trib. to Turkey Cr.	C	0.5	Mouth	17,59N,16W	Macon		x	x	x			B	x		
Trib. to Turnback Cr.	P	1.0	Mouth	24,29N,26W	Lawrence		x	x	x			B	x		
Trib. to Twelve Mile Cr.	C	1.0	Mouth	6,31N,7E	Madison		x	x	x			B	x		
Trib. to Unnamed trib to Atwell Cr.	C	0.6	Mouth	07,38N,11W	Maries		x	x	x			B	x		
Trib. to W. Fk. Clear Cr.	C	0.8	Mouth	35,36N,30W	Vernon		x	x	x			B	x		
Trib. to W. Fk. Finney Cr.	C	0.8	Mouth	7,49N,21W	Saline		x	x	x			B	x		
Trib. to W. Fk. Lost Cr.	C	0.5	Mouth	13,28N,6E	Wayne		x	x	x			B	x		
Trib. to W. Fk. Lost Cr.	C	2.8	Mouth	Maysville Lake	DeKalb		x	x	x			B	x		
Trib. to W. Fk. Lost Cr.	C	2.6	Mouth	9,58N,31W	DeKalb		x	x	x			B	x		
Trib. to W. Fk. Niangua R.	P	1.5	Mouth	19,31N,18W	Webster		x	x	x			B	x		
Trib. to W. Fk. Postoak Cr.	C	1.4	Mouth	36,45N,27W	Johnson		x	x	x			B	x		
Trib. to W. Fk. Roubidoux Cr.	C	2.2	Mouth	33,31N,11W	Texas		x	x	x			B	x		
Trib. to W. Mill Cr.	C	0.8	Mouth	19,37N,3E	Washington		x	x	x				x		
Trib. to W. Muddy Cr.	P	0.5	Mouth	31,64N,24W	Mercer		x	x	x			B	x		
Trib. to Wade Cr.	C	2.0	Mouth	33,44N,25W	Henry		x	x	x			B	x		
Trib. to Wallace Cr.	P	1.8	Mouth	07,40N,06W	Gasconade		x	x	x			B	x		
Trib. to Wallen Cr.	P	1.0	Mouth	4,36N,3E	Washington		x	x	x			B	x		
Trib. to Wallen Cr.	C	1.5	4,36N,3E	32,37N,3E	Washington		x	x	x			B	x		
Trib. to Watery Fk.	C	1.0	Mouth	5,34N,4W	Dent		x	x	x			B	x		
Trib. to Weaubleau Cr.	C	0.5	Mouth	3,35N,23W	Hickory		x	x	x			B	x		
Trib. to Weaubleau Cr.	C	1.3	Mouth	02,35N,23W	Hickory		x	x	x			B	x		
Trib. to Weaubleau Cr.	C	1.3	Mouth	26,36N,23W	Hickory		x	x	x			B	x		
Trib. to Weaubleau Cr.	C	1.5	Mouth	23,36N,23W	Hickory		x	x	x			B	x		
Trib. to Weaubleau Cr.	C	0.8	Mouth	19,36N,23W	Hickory		x	x	x			B	x		
Trib. to Weidensaul Holl.	C	1.0	Mouth	35,23N,13W	Ozark		x	x	x			B	x		
Trib. to White Oak Cr.	C	0.5	Mouth	25,42N,13W	Cole		x	x	x			B	x		
Trib. to White Oak Cr.	C	6.3	Mouth	24,29N,28W	Lawrence		x	x	x			B	x		
Trib. to Whitewater R.	C	1.7	Mouth	3,30N,11E	Cape Girardeau		x	x	x			B	x		
Trib. to Whittenburg Cr.	C	1.0	Mouth	12,37N,4W	Crawford		x	x	x			B	x		
Trib. to Wildcat Cr.	C	2.0	Mouth	30,63N,32W	Gentry		x	x	x			B	x		
Trib. to Wildcat Cr.	C	2.0	Mouth	32,63N,33W	Nodaway		x	x	x				x		
Trib. to Wolf Cr.	P	1.1	Mouth	32,36N,6E	St. Francois		x	x	x			B	x		
Trib. to Wolf Cr.	C	1.5	32,36N,6E	Sur 349,36N,6E	St. Francois		x	x	x			B	x		
Trib. to Workman Cr.	P	0.5	Mouth	13,45N,13W	Cole		x	x	x			B	x		
Trib. to Workman Cr.	C	0.8	Mouth	10,28N,22W	Greene		x	x	x			B	x		
Trib. to Yadkin Cr.	C	3.7	Mouth	12,37N,5W	Crawford		x	x	x			B	x		
Trib. to Yellow Cr.	C	1.0	Mouth	32,38N,26W	St. Clair		x	x	x			B	x		
Trinity Hollow	P	1.6	Mouth	13,38N,23W	Benton	Hickory	x	x	x			B	x		
Troesser Cr.	C	0.7	Mouth	18,44N,8W	Osage		x	x	x			B	x		
Troublesome Cr.	P	4.8	Mouth	15,59N,7W	Marion		x	x	x			B	x	x	
Troublesome Creek	C	56.5	15,59N,7W	6,62N,11W	Marion	Knox	x	x	x			B	x		
Troublesome Creek tributary	C	1.2	Mouth	16,61N,9W	Lewis		x	x	x			B	x		
Troublesome Creek tributary	C	2.5	Mouth	14,60N,9W	Lewis		x	x	x			B	x		

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Troublesome Creek tributary	C	2.1	Mouth	15,60N,9W	Lewis		x	x	x			B	x		
Troublesome Creek tributary	C	2.4	Mouth	3,60N,9W	Lewis		x	x	x			B	x		
Troublesome Creek tributary	C	0.6	Mouth	10,60N,9W	Lewis		x	x	x			B	x		
Troublesome Creek tributary	C	1.4	Mouth	7,60N,8W	Lewis		x	x	x			B	x		
Truitt Cr.	P	1.5	Mouth	23,28N,27W	Lawrence		x	x	x			B	x		
Truitt Creek	C	5.2	23,28N,27W	5,28N,26W	Lawrence		x	x	x				x		
Truitt Creek tributary	C	1.3	Mouth	32,29N,26W	Lawrence		x	x	x				x		
Tub Cr.	C	1.0	Mouth	31,56N,28W	Caldwell		x	x	x			B	x		
Tunas Br.	C	2.7	Mouth	33,36N,19W	Dallas		x	x	x			B	x		
Tuque Cr.	P	5.4	Mouth	16,45N,1W	Warren		x	x	x			B	x		
Tuque Cr.	C	2.3	16,45N,1W	3,45N,1W	Warren		x	x	x			B	x		
Turkey Cr.	P	17.9	Mouth	05,38N,21W	Benton		x	x	x	x		B	x		
Turkey Cr.	C	15.9	Mouth	21,35N,25W	St. Clair	Cedar	x	x	x			A	x		
Turkey Cr.	P	6.0	Mouth	27,32N,24W	Polk		x	x	x			B	x		
Turkey Cr.	C	3.3	Mouth	3,53N,10W	Monroe		x	x	x			B	x		
Turkey Cr.	P	2.0	Mouth	32,33N,14E	Cape Girardeau		x	x	x			B	x		
Turkey Cr.	C	2.2	32,33N,14E	36,33N,13E	Cape Girardeau		x	x	x			B	x		
Turkey Cr.	C	1.5	Mouth	21,49N,2W	Lincoln		x	x	x			B	x		
Turkey Cr.	C	1.4	Mouth	Sur 3022,40N,2E	Washington		x	x	x			B	x		
Turkey Cr.	P	2.6	Mouth	16,22N,21W	Taney		x	x	x		x	B	x		
Turkey Cr.	C	4.0	16,22N,21W	4,21N,21W	Taney		x	x	x				x		
Turkey Cr.	C	9.9	Mouth	15,24N,15W	Ozark		x	x	x			B	x		
Turkey Cr.	C	2.6	Mouth	22,22N,16W	Ozark		x	x	x			B	x		
Turkey Cr.	C	1.5	Mouth	9,26N,15W	Douglas		x	x	x			B	x		
Turkey Cr.	C	4.5	Mouth	36,34N,5E	Madison		x	x	x			B	x		
Turkey Cr.	C	3.1	Mouth	34,27N,8E	Stoddard		x	x	x			B	x		
Turkey Cr.	P	7.7	State Line	35,28N,33W	Jasper		x	x	x			B	x		
Turkey Cr.	P	6.1	35,28N,33W	9,27N,32W	Jasper		x	x	x			A	x		
Turkey Cr.	P	2.4	Mouth	Hwy. 47	St. Francois		x	x	x			B	x		
Turkey Cr.	P	4.7	Mouth	14,53N,25W	Carroll		x	x	x			B	x		
Turkey Cr.	C	3.5	14,53N,25W	34,54N,25W	Carroll		x	x	x			B	x		
Turkey Cr.	C	5.8	05,38N,21W	22,38N,21W	Benton	Hickory	x	x	x			B	x		
Turkey Cr.	C	1.8	Mouth	26,62N,33W	Gentry		x	x	x			B	x		
Turkey Cr.	C	2.5	Mouth	33,57N,26W	Caldwell		x	x	x			B	x		
Turkey Cr.	C	14.4	Mouth	Hwy. 36	Chariton	Linn	x	x	x			B	x		
Turkey Cr.	C	3.5	Mouth	12,66N,17W	Putnam		x	x	x			B	x		
Turkey Cr.	C	2.4	Mouth	17,59N,16W	Macon		x	x	x			B	x		
Turkey Cr.	C	3.3	Mouth	3,44N,11W	Callaway		x	x	x			B	x		
Turkey Cr.	C	6.3	Mouth	14,47N,12W	Boone		x	x	x			A	x		
Turkey Cr.	C	2.9	Mouth	20,47N,21W	Pettis		x	x	x			B	x		
Turkey Cr.	C	1.7	Mouth	Sur 3243(3), 55N,5W	Ralls		x	x	x			B	x		
Turkey Cr.	P	1.0	Mouth	32,34N,8E	Madison		x	x	x			B	x		
Turkey Cr.	P	7.3	Mouth	21,30N,7E	Wayne		x	x	x			B	x		
Turkey Creek tributary	C	1.3	Mouth	28,28N,33W	Jasper		x	x	x			B	x		

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Turkey Creek tributary	C	2.2	Mouth	4,27N,33W	Jasper		x	x	x			B	x		
Turkey Creek tributary	C	1.6	Mouth	5,27N,33W	Jasper		x	x	x			B	x		
Turkey Creek tributary	C	2.9	Mouth	9,27N,33W	Jasper		x	x	x			B	x		
Turnback Cr.	P	16.0	Mouth	35,30N,26W	Dade		x	x	x			A	x		
Turnback Cr.	P	19.9	35,30N,26W	24,28N,25W	Dade	Lawrence	x	x	x	x	x	A	x		
Turnbo Cr.	P	6.8	Mouth	16,30N,18W	Webster		x	x	x			B	x		
Turner Cr.	P	4.5	Mouth	33,29N,20W	Greene		x	x	x			B	x		
Turtle Spr. Br.	C	3.3	Mouth	23,45N,14W	Moniteau		x	x	x			B	x		
Twelve Mile Cr.	P	8.4	Mouth	12,31N,6E	Madison		x	x	x	x	x	A	x		
Twelve Mile Cr.	C	6.8	12,31N,6E	17,32N,7E	Madison		x	x	x	x	x	B	x		
Twomile Cr.	C	2.6	Mouth	28,36N,32W	Vernon		x	x	x			B	x		
Twomile Creek	C	5.6	Mouth	21,45N,5E	St. Louis		x	x	x			B	x		
Twomile Creek tributary	C	1.2	Mouth	22,45N,5	St. Louis		x	x	x			B	x		
Tyler Br.	C	1.7	36,35N,10E	34,35N,10E	Perry		x	x	x				x		
Tyrey Creek	P	0.8	Mouth	11,40N,2E	Jefferson		x	x	x			B	x		
Tyrey Creek	C	2.4	11,40N,2E	9,40N,2E	Jefferson	Franklin	x	x	x			B	x		
Upper Peavine Cr.	C	2.2	Mouth	15,40N,7W	Maries		x	x	x			B	x		
Van Meter Ditch	C	4.5	24,52N,22W	4,51N,22W	Saline		x	x	x			B	x		
Vance Br.	C	0.5	Mouth	05,39N,22W	Benton		x	x	x				x		
Varney R. Ditch	P	14.0	12,17N,7E	34,19N,9E	Dunklin		x	x	x			B	x		
Varney R. Ditch	C	10.0	34,19N,9E	35,20N,9E	Dunklin		x	x	x			B	x		
Village Cr.	P	1.9	Mouth	Sur 3323,33N,7E	Madison		x	x	x			B	x		
Village Cr.	C	3.0	Sur 3323,33N,7E	34,34N,7E	Madison		x	x	x			B	x		
Virgin Cr.	C	1.2	Mouth	15,29N,9E	Bollinger		x	x	x			B	x		
W. Br. Clark Fk.	C	4.0	Mouth	8,47N,16W	Cooper		x	x	x			B	x		
W. Br. Crawford Cr.	C	14.7	Mouth	21,47N,30W	Jackson		x	x	x			B	x		
W. Br. Mill Cr.	C	1.8	8,37N,3E	18,37N,3E	Washington		x	x	x			A	x		
W. Br. Mill Cr.	C	1.0	18,37N,3E	19,37N,3E	Washington		x	x	x			B	x		
W. Cow Cr.	C	4.4	Mouth	11,51N,21W	Saline		x	x	x			B	x		
W. Elk Fk.	C	2.5	Mouth	05,44N,23W	Pettis		x	x	x			B	x		
W. Fk. Bear Cr.	P	2.8	Mouth	9,29N,6E	Wayne		x	x	x			B	x		
W. Fk. Bear Cr.	C	1.0	9,29N,6E	8,29N,6E	Wayne		x	x	x			B	x		
W. Fk. Bee Br.	C	6.5	Mouth	21,56N,17W	Chariton		x	x	x			B	x		
W. Fk. Big Cr.	C	3.0	Mouth	3,22N,17W	Taney		x	x	x			B	x		
W. Fk. Big Cr.	P	18.0	9,63N,28W	34,65N,28W	Harrison		x	x	x			B	x		
W. Fk. Big Cr.	C	14.0	34,65N,28W	22,66N,28W	Harrison		x	x	x			B	x		
W. Fk. Big Cr.	P	1.4	Mouth	31,31N,7E	Madison		x	x	x			B	x		
W. Fk. Big Cr.	C	1.5	31,31N,7E	36,31N,6E	Madison		x	x	x			B	x		
W. Fk. Black R.	P	32.3	Mouth	25, 33N,03W	Reynolds		x	x	x	x	x	A	x		
W. Fk. Black R.	C	0.5	25,32N,3W	26,32N,3W	Reynolds		x	x	x			B	x		
W. Fk. Bull Cr.	C	4.0	Mouth	8,26N,20W	Christian		x	x	x			B	x		
W. Fk. Clear Cr.	C	14.0	Mouth	17,35N,30W	Vernon		x	x	x			B	x		
W. Fk. Crooked R.	P	6.6	Mouth	19,52N,27W	Ray		x	x	x			B	x		
W. Fk. Crooked R.	C	9.8	19,52N,27W	18,52N,28W	Ray		x	x	x			B	x		
W. Fk. Cuivre R.	P	42.4	11,49N,1W	Pike Co. Line	Lincoln	Montgomery	x	x	x			A	x		
W. Fk. Cuivre R.	C	23.9	6,50N,4W	14,51N,7W	Pike	Audrain	x	x	x			B	x		
W. Fk. Dry Wood Cr.	C	8.1	Mouth	State Line	Vernon		x	x	x			B	x		

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W. Fk. East Cr.	C	4.8	Mouth	26,46N,33W	Cass		x	x	x			B	x		
W. Fk. Finney Cr.	C	4.0	20,49N,21W	6,49N,21W	Saline		x	x	x			B	x		
W. Fk. Fourche Cr.	P	9.7	Mouth	15,22N,1W	Ripley		x	x	x	x		B	x		
W. Fk. Fourche Cr.	C	2.0	15,22N,1W	8,22N,1W	Ripley		x	x	x	x		B	x		
W. Fk. Huzzah Cr.	P	5.5	1,34N,3W	22,34N,3W	Dent		x	x	x			A	x		
W. Fk. Huzzah Cr.	C	2.0	22,34N,3W	28,34N,3W	Dent		x	x	x			B	x		
W. Fk. Jones Cr.	P	0.7	Mouth	16,41N,03E	Jefferson		x	x	x			B	x		
W. Fk. Limestone Cr.	C	3.2	Mouth	10,30N,27W	Dade		x	x	x			B	x		
W. Fk. Locust Cr.	C	17.0	Hwy. 6	33,64N,21W	Sullivan		x	x	x			B	x		
W. Fk. Lost Cr.	P	4.4	Mouth	25,28N,7E	Wayne		x	x	x			B	x		
W. Fk. Lost Cr.	C	4.2	25,28N,6E	16,28N,6E	Wayne		x	x	x			B	x		
W. Fk. Lost Cr.	C	11.7	Mouth	27,58N,31W	DeKalb		x	x	x			B	x		
W. Fk. Medicine Cr.	C	5.5	Mouth	35,67N,22W	Putnam		x	x	x			B	x		
W. Fk. Niangua R.	P	7.0	33,32N,18W	33,31N,18W	Webster		x	x	x			B	x		
W. Fk. Post Oak Cr.	C	12.8	Mouth	22,45N,27W	Johnson		x	x	x			B	x		
W. Fk. Roark Cr.	C	3.5	15,23N,22W	7,23N,22W	Taney	Stone	x	x	x				x		
W. Fk. Roubidoux Cr.	P	3.0	4,31N,11W	17,31N,11W	Texas		x	x	x			B	x		
W. Fk. Roubidoux Cr.	C	2.0	17,31N,11W	30,31N,11W	Texas		x	x	x			B	x		
W. Fk. Sni-a-bar Cr.	P	9.0	Mouth	Lk Lotawana Dam	Jackson		x	x	x			B	x		
W. Fk. Spring Cr.	P	2.5	Mouth	31,22N,8W	Howell		x	x	x			B	x		
W. Fk. Spring R.	C	8.7	31,22N,8W	10,22N,9W	Howell		x	x	x			A	x		
W. Fk. Tebo Cr.	C	6.8	Mouth	Hwy. 52	Henry		x	x	x			B	x		
W. Fk. Wakenda Cr.	P	3.3	Mouth	6,52N,25W	Carroll		x	x	x			B	x		
W. Fk. Wakenda Cr.	C	7.8	6,52N,25W	20,53N,26W	Ray		x	x	x			B	x		
W. High Cr.	C	2.8	Mouth	10,66N,41W	Atchison		x	x	x			B	x		
W. Honey Cr.	C	14.0	Mouth	34,65N,23W	Grundy	Mercer	x	x	x			B	x		
W. Locust Cr.	P	17.0	Mouth	25,62N,21W	Linn	Sullivan	x	x	x			B	x		
W. Locust Cr.	C	12.6	Mouth	7,66N,20W	Putnam		x	x	x			B	x		
W. Muddy Cr.	P	8.0	Mouth	6,63N,24W	Grundy	Mercer	x	x	x			B	x		
W. Muddy Cr.	C	8.5	6,63N,24W	31,65N,24W	Mercer		x	x	x			B	x		
W. Piney Cr.	P	13.1	Mouth	33,30N,11W	Texas		x	x	x			B	x		
W. Piney Cr.	C	2.0	33,30N,11W	5,29N,11W	Texas		x	x	x			B	x		
W. Tarkio Cr.	P	1.2	Mouth	14,65N,40W	Atchison		x	x	x			B	x	x	
W. Tarkio Cr.	C	9.6	14,65N,40W	State Line	Atchison		x	x	x			B	x		
W. Yellow Cr.	C	17.2	14,61N,19W	14,63N,19W	Sullivan		x	x	x			B	x	x	
W. Yellow Cr.	P	43.3	Mouth	14,61N,19W	Chariton	Sullivan	x	x	x			B	x	x	
Wachita Cr.	C	0.5	Mouth	28,34N,5E	Madison		x	x	x			B	x		
Wade Cr.	C	5.4	Mouth	9,43N,25W	Henry		x	x	x			B	x		
Wakenda Cr.	P	29.2	Mouth	4,52N,25W	Carroll		x	x	x			B	x		
Wakenda Cr.	C	10.6	4,52N,25W	33,54N,26W	Carroll		x	x	x			B	x		
Walkers Slough	P1	1.6	Mouth	6,57N,4W	Marion		x	x	x			B	x		
Walkers Slough	C	3.5	6,57N,4W	24,58N,5W	Marion		x	x	x			B	x		
Wallace Cr.	P	3.3	Mouth	05,40N,06W	Gasconade		x	x	x			B	x		
Wallace Cr.	C	1.9	05,40N,06W	07,40N,06W	Gasconade		x	x	x			B	x		
Wallen Cr.	P	1.4	Mouth	9,36N,3E	Washington		x	x	x			B	x		
Wallen Cr.	C	3.0	9,36N,3E	6,36N,3E	Washington		x	x	x			B	x		
Wallen Cr.	C	1.1	Mouth	27,36N,3E	Washington		x	x	x			B	x		

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Walnut Br.	C	2.7	Mouth	12,45N,23W	Pettis		x	x	x			B	x		
Walnut Cr.	C	10.1	Mouth	28,39N,33W	Bates		x	x	x			B	x		
Walnut Cr.	P	2.3	Mouth	17,36N,28W	St. Clair	Cedar	x	x	x			B	x		
Walnut Cr.	C	3.6	25,45N,21W	2,44N,21W	Pettis		x	x	x			B	x		
Walnut Cr.	C	2.3	Mouth	03,34N,30W	Vernon		x	x	x			B	x		
Walnut Cr.	C	15.7	Mouth	2,61N,17W	Macon	Adair	x	x	x			B	x		
Walnut Cr.	C	3.5	Mouth	20,55N,14W	Randolph		x	x	x				x		
Walnut Cr.	P	1.3	Mouth	25,45N,21W	Pettis		x	x	x			B	x		
Walnut Cr.	C	2.7	Mouth	27,47N,26W	Johnson		x	x	x			B	x		
Walnut Cr.	C	11.9	Mouth	14,46N,24W	Johnson		x	x	x			B	x		
Walnut Fk.	C	4.3	Mouth	22,62N,32W	Gentry		x	x	x			B	x		
Wamsley Cr.	C	1.7	Mouth	27,58N,30W	DeKalb		x	x	x			B	x		
Ward Br.	P	3.3	Mouth	13,28N,22W	Greene		x	x	x			B	x		
Wardens Br.	C	1.0	Mouth	18,46N,5W	Montgomery		x	x	x			B	x		
Warm Fk. Spring R.	P	13.8	State Line	25,23N,06W	Oregon		x	x	x			A	x		
Warm Fk. Spring R.	C	9.4	25,23N,06W	8,23N,6W	Oregon		x	x	x			B	x		
Warren Br.	P	1.5	State Line	36,26N,34W	Newton		x	x	x			B	x		
Warren Br.	C	1.5	36,26N,34W	29,26N,33W	Newton		x	x	x			B	x		
Wash Cr.	P	1.2	Mouth	27,32N,8E	Madison		x	x	x			B	x		
Wash Cr.	C	0.5	27,32N,8E	26,32N,8E	Madison		x	x	x			B	x		
Water Fork Creek	P	1.4	Mouth	12,34N,4W	Dent		x	x	x			B	x		
Watkins Creek	C	6.4	Mouth	Landgrant02495	St. Louis		x	x	x			B	x		
Watkins Creek tributary	C	1.2	Mouth	28,47N,7E	St. Louis		x	x	x			B	x		
Watkins Creek tributary	C	1.2	Mouth	Landgrant00113	St. Louis		x	x	x			B	x		
Watson Br.	C	1.0	Mouth	20,39N,1E	Washington		x	x	x			B	x		
Weaubleau Cr.	P	30.7	Mouth	03,35N,23W	St. Clair	Hickory	x	x	x			A	x		
Weaubleau Creek	C	6.3	3,35N,23W	28,35N,23W	Henry	Polk	x	x	x			B	x		
Web Cr.	P	4.7	Mouth	5,28N,2E	Reynolds		x	x	x			B	x		
Web Valley	P	3.0	Mouth	11,28N,2E	Reynolds		x	x	x			B	x		
Weidensaul Hollow	C	3.0	Mouth	26,23N,13W	Ozark		x	x	x			B	x		
Weldon Br.	C	4.4	Mouth	8,63N,30W	Gentry		x	x	x			B	x		
Weldon R.	P	43.4	Mouth	State Line	Grundy	Mercer	x	x	x			B	x		
West Branch Caulks Creek	C	3.0	Mouth	35,45N,3E	St. Louis		x	x	x			B	x		
West Branch Sees Creek	C	6.4	Mouth	9,56N,7W	Marion		x	x	x			B	x		
West Ditch	P	10.5	31,18N,10E	8,19N,10E	Dunklin		x	x	x			B	x		
West Elm Br.	P	1.1	Mouth	29,33N,33W	Barton		x	x	x			B	x		
West Fk.	P	1.0	Mouth	7,34N,23W	Polk		x	x	x			B	x		
West Fk.	C	3.0	Mouth	14,38N,5E	Jefferson	St. Francois	x	x	x			B	x		
West Fk.	C	6.8	Mouth	8,31N,31W	Barton		x	x	x			B	x		
West Fork Benton Creek	C	6.6	Mouth	36,36N,6W	Crawford	Phelps	x	x	x			B	x		
West Fork Benton Creek tributary	C	0.6	Mouth	24,36N,6W	Phelps		x	x	x			B	x		
West Prong Indian Cr.	C	2.0	6,25N,7E	36,26N,6E	Butler		x	x	x			B	x		
Wet Fk.	C	1.5	Mouth	5,28N,5E	Wayne		x	x	x			B	x		
Wet Fk.	P	2.4	Mouth	29,27N,6E	Wayne		x	x	x			B	x		
Wet Glaize Cr.	P	9.6	24,38N,15W	20,37N,14W	Camden		x	x	x			A	x		
Wheeler Cr.	C	2.4	Mouth	31,58N,30W	DeKalb		x	x	x			B	x		
Whetstone Cr.	P	12.2	Mouth	21,29N,13W	Wright		x	x	x	x	x	B	x		

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Whetstone Cr.	P	1.5	Mouth	7,48N,6W	Montgomery		x	x	x			B	x		
Whetstone Cr.	C	10.8	7,48N,6W	1,48N,8W	Callaway		x	x	x			B	x		
Whippoorwill Cr.	C	2.3	Mouth	16,47N,5W	Montgomery		x	x	x			B	x		
Whisky Cr.	C	1.5	Mouth	18,43N,1W	Franklin		x	x	x			B	x		
Whitcomb Br.	C	2.5	Mouth	36,49N,1W	Lincoln		x	x	x			B	x		
White Br.	C	3.4	Mouth	32,36N,31W	Vernon		x	x	x			B	x		
White Cloud Cr.	P	13.2	Mouth	24,63N,36W	Andrew	Nodaway	x	x	x			B	x		
White Cloud Cr.	C	12.8	24,63N,36W	11,64N,36W	Nodaway		x	x	x			B	x		
White Cr.	C	3.5	9,24N,2W	4,24N,2W	Oregon		x	x	x			B	x		
White Oak Cr.	C	4.0	Mouth	30,42N,12W	Cole		x	x	x			B	x		
White Oak Cr.	C	3.9	Mouth	28,42N,28W	Henry		x	x	x			B	x		
White Oak Cr.	C	2.6	Mouth	33,50N,5W	Montgomery		x	x	x			B	x		
White Oak Cr.	C	18.0	Mouth	2,29N,28W	Jasper	Lawrence	x	x	x			A	x		
White Oak Cr.	C	9.0	Mouth	Hwy. 136	Harrison		x	x	x			B	x		
White Oak Hollow	C	2.0	Mouth	28,32N,5W	Dent		x	x	x			B	x		
Whitener Cr.	P	0.5	Mouth	28,32N,8E	Madison		x	x	x			B	x		
Whitener Cr.	C	1.5	28,32N,8E	22,32N,8E	Madison		x	x	x			B	x		
Whites Cr.	P	2.0	Mouth	26,39N,2W	Crawford		x	x	x			B	x		
Whites Cr.	C	1.0	26,39N,2W	35,39N,2W	Crawford		x	x	x			B	x		
Whites Cr.	C	3.0	Mouth	33,26N,15W	Douglas		x	x	x			B	x		
Whites Cr.	P	4.5	Mouth	9,24N,2W	Oregon		x	x	x			B	x		
Whitewater R.	P	35.0	Mouth	29, 33N,11E	Cape Girardeau		x	x	x			A	x		
Whitewater R.	P	18.0	29,33N,11E	29,34N,9E	Bollinger	Perry	x	x	x	x		A	x		
Whitewater R.	C	5.9	29,34N,9E	10,34N,8E	Perry	St. Francois	x	x	x			B	x		
Whitewater R.	P	5.0	31,28N,12E	6,28N,12E	Scott		x	x	x			B	x		
Whitewater R.	C	5.2	6,28N,12E	18,29N,12E	Scott	Cape Girardeau	x	x	x			B	x		
Whittenburg Cr.	P	2.8	Mouth	35,38N,4W	Crawford		x	x	x		x	B	x		
Whittenburg Cr.	C	5.0	35,38N,4W	1,37N,4W	Crawford		x	x	x			B	x		
Widow Cr.	C	1.6	Mouth	36,26N,5E	Butler		x	x	x			B	x		
Wiemer Cr.	P	2.3	11,40N,12W	23,40N,12W	Miller		x	x	x			B	x		
Wiemer Cr.	C	4.0	23,40N,12W	2,39N,12W	Miller		x	x	x			B	x		
Wieneke Br.	C	1.0	Mouth	9,44N,14W	Moniteau		x	x	x			B	x		
Wildcat Cr.	C	4.0	Mouth	3,62N,39W	Holt		x	x	x			B	x		
Wildcat Cr.	P	6.2	Mouth	6,62N,32W	Gentry		x	x	x			B	x		
Wildcat Creek	C	7.4	6,62N,32W	8,63N,33W	Gentry	Nodaway	x	x	x			B	x		
Wildhorse Cr.	C	3.9	Mouth	29,45N,3E	St. Louis		x	x	x			B	x		
Wilkerson Cr.	C	7.3	Mouth	07,52N,32W	Clay		x	x	x			B	x		
Wilkerson Ditch	C	4.0	9,23N,16E	28,24N,16E	Mississippi		x	x	x			B	x		
Williams Cr.	P	5.2	Mouth	11,42N,21W	Benton		x	x	x	x		B	x		
Williams Cr.	P	9.8	Mouth	Sur 202,31N,13E	Cape Girardeau		x	x	x			B	x		
Williams Cr.	C	2.0	Sur 202,31N,13E	Sur 202,31N,13E	Cape Girardeau		x	x	x			B	x		
Williams Cr.	C	4.7	Mouth	18,27N,5E	Wayne		x	x	x				x		
Williams Cr.	P	1.0	Mouth	28,28N,27W	Lawrence		x	x	x		x	A	x		
Williams Cr.	P	8.5	28,28N,27W	34,28N,26W	Lawrence		x	x	x			A	x		
Williams Cr.	C	1.5	34,28N,26W	35,28N,26W	Lawrence		x	x	x			B	x		
Williams Cr.	C	3.4	11,42N,21W	05,42N,20W	Benton		x	x	x			B	x		

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DWS-Drinking Water Supply
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WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Williams Cr.	P	1.0	Mouth	Sur 880,44N,5E	St. Louis		x	x	x			B	x		
Williams Cr.	C	9.1	Mouth	21,53N,30W	Clay		x	x	x			B	x		
Williams Creek tributary	P	1.0	Mouth	Landgrant00236	Cape Girardeau		x	x	x			B	x		
Williams Creek tributary	C	4.7	Mouth	5,27N,26W	Lawrence		x	x	x			B	x		
Willow Br.	C	3.4	Mouth	28,24N,26W	Barry		x	x	x			B	x		
Willow Br.	P	2.2	Mouth	2,25N,33W	Newton		x	x	x			B	x		
Willow Br.	C	2.1	Mouth	05,37N,31W	Vernon		x	x	x			B	x		
Willow Cr.	C	2.2	Mouth	19,23N,10W	Ozark	Howell	x	x	x			B	x		
Willow Cr.	C	6.5	Mouth	7,51N,27W	Ray		x	x	x			B	x		
Willow Cr.	C	1.0	Mouth	35,61N,32W	Gentry		x	x	x			B	x		
Willow Cr.	C	1.5	Mouth	35,55N,26W	Caldwell		x	x	x			B	x		
Willow Fk.	C	6.8	36,45N,17W	29,45N,17W	Moniteau		x	x	x			B	x		
Willow Fork	P	2.8	Mouth	36,45N,17W	Moniteau		x	x	x			A	x		
Willow Fork tributary	C	0.5	Mouth	27,45N,17W	Moniteau		x	x	x			B	x		
Wills Branch	C	1.2	Mouth	24,34N,6E	Madison		x	x	x			B	x		
Wilmore Cr.	C	1.3	Mouth	8,30N,6E	Wayne		x	x	x			A	x		
Wilson Br.	C	2.4	Mouth	12,35N,30W	Vernon		x	x	x			B	x		
Wilson Run	C	2.5	Mouth	17,24N,23W	Stone		x	x	x			B	x		
Wilsons Cr.	P	14.0	Mouth	27,29N,22W	Christian	Greene	x	x	x			B	x		
Winigan Cr.	C	7.0	Mouth	5,59N,18W	Linn		x	x	x			B	x		
Winn Br.	C	5.0	Mouth	21,57N,13W	Macon		x	x	x			B	x		
Wolf Cr.	C	9.3	Mouth	16,28N,15W	Wright		x	x	x			B	x		
Wolf Cr.	C	3.0	Mouth	14,45N,1W	Warren		x	x	x			B	x		
Wolf Cr.	C	4.5	Mouth	18,49N,4W	Montgomery		x	x	x			B	x		
Wolf Cr.	C	3.7	Mouth	35,33N,10E	Cape Girardeau	Bollinger	x	x	x			B	x		
Wolf Cr.	C	2.0	Mouth	35,25N,5E	Butler		x	x	x			B	x		
Wolf Cr.	C	8.0	Mouth	28,36N,6E	St. Francois		x	x	x			B	x		
Wolf Cr.	C	4.2	Mouth	3,27N,10E	Stoddard		x	x	x				x		
Wolf Cr.	C	5.2	Mouth	10,27N,08W	Texas	Howell	x	x	x			B	x		
Wolf Cr.	C	1.8	Mouth	32,48N,15W	Cooper		x	x	x			B	x		
Wolf Creek	C	1.0	22,45N,32W	16,45N,32W	Cass		x	x	x			B	x		
Wolf Creek	C	3.0	Mouth	22,45N,32W	Cass		x	x	x			B	x		
Wolf Creek	C	0.4	16,45N,32W	16,45N,32W	Cass		x	x	x			B	x		
Wolf Creek	C	0.4	16,45N,32W	16,45N,32W	Cass		x	x	x			B	x		
Wolf Hole Lateral	C	9.5	Mouth	29,26N,16E	Mississippi		x	x	x			B	x		
Wolf Island Chute	P	11.8	5,24N,18E	11,23N,17E	Mississippi		x	x	x			B	x		
Woods Fk.	C	5.5	Mouth	3,25N,21W	Christian		x	x	x			B	x		
Woods Fk. Gasconade R.	P	12.4	Mouth	2,29N,16W	Wright		x	x	x			B	x		
Woods Fk. Gasconade R.	C	4.0	2,29N,16W	6,29N,16W	Wright	Webster	x	x	x			B	x		
Woolly Cr.	C	1.5	Mouth	7,23N,24W	Stone		x	x	x			B	x		
Woolsey Cr.	C	3.6	Mouth	8,36N,17W	Camden	Laclede	x	x	x			B	x		
Workman Br.	C	1.0	Mouth	15,28N,22W	Greene		x	x	x			B	x		
Workman Cr.	P	2.4	Mouth	24,45N,13W	Cole		x	x	x			B	x		
Wyaconda R.	P1	8.4	Mouth	15,61N,6W	Lewis		x	x	x			B	x	x	
Wyaconda R.	P	42.2	15,61N,6W	26,65N,9W	Lewis	Clark	x	x	x			B	x		
Wyrick Br.	C	1.3	Mouth	10,28N,09W	Texas		x	x	x			B	x		
Yadkin Cr.	C	4.0	Mouth	9,37N,4W	Crawford		x	x	x		x	B	x		

IRR-Irrigation
LWP-Livestock & Wildlife Protection
WWH-Protection of Warm Water Habitat
and Human Health Protection (HHP)

CLH-Cool Water Habitat
CDH-Cold Water Habitat
WBC-Whole Body Contact Recreation

SCR-Secondary Contact Recreation
DWS-Drinking Water Supply
IND-Industrial Water Supply

WATER BODY	CLASS	MILES	FROM	TO	COUNTY	COUNTY 2	IRR	LWP	WWH	CLH	CDH	WBC	SCR	DWS	IND
Yankee Br.	P	1.4	Mouth	10,36N,4W	Crawford		x	x	x		x	B	x		
Yankee Br.	C	1.0	10,36N,4W	10,36N,4W	Crawford		x	x	x			B	x		
Yantz Br.	C	1.2	Mouth	Sur 3236,32N,9E	Bollinger		x	x	x			B	x		
Yeater Br.	C	2.6	Mouth	30,48N,2W	Warren		x	x	x			B	x		
Yellow Cr.	C	2.0	Mouth	29,38N,26W	St. Clair		x	x	x			B	x		
Yellow Cr.	P	28.0	Mouth	20,56N,19W	Chariton		x	x	x			B	x		
Yoga Spring	P	0.8	Mouth	29,30N,07W	Texas		x	x	x			B	x		
Youngs Cr.	C	13.4	Mouth	11,52N,10W	Monroe	Audrain	x	x	x			B	x		
Youngs Cr.	C	1.9	Mouth	3,46N,9W	Callaway		x	x	x			B	x		
Zadie Cr.	C	5.3	Mouth	State Line	Harrison		x	x	x			B	x		
Zounds Cr.	C	3.0	Mouth	35,64N,33W	Gentry		x	x	x			B	x		

Table I - Biocriteria Reference Locations

Streams	Counties	Upstream Location	Downstream Location
Apple Creek	Cape Girardeau/Perry	W ½ Sec. 29 T34N R11E	NW Sec. 3 T33N R11E
Big Creek	Shannon	E ½ Sec. 12 T30N R04W	N 1/2 Sec. 36 T30N R04W
Big Sugar Creek	McDonald	SE Sec. 1 T21N R30W	NW Sec. 21 T22N R30W
Blair Creek	Shannon	SE Sec. 25 T30N R03W	NW Sec. 18 T29N R02W
Boeuf Creek	Franklin	SW Sec. 36 T44N R04W	NW Sec. 30 T44N R03W
Bryant Creek	Douglas	NW Sec. 10 T25N R14W	E ½ Sec. 15 T25N R14W
Bull Creek	Christian/Taney	SE Sec. 25 T25N R21W	NE Sec. 3 T24N R21W
Burris Fork	Moniteau	NW Sec. 6 T43NR15W	NW Sec. 28 T44N R15W
Castor River	Madison	NW Sec. 10 T33N R08E	S 1/2 Sec. 16 T33N R08E
Cedar Creek	Cedar	E ½ Sec. 29 T34N R27W	N 1/2 Sec. 09 T34N R27W
Center Creek	Lawrence	SE Sec. 18 T27N R28W	NE Sec. 24 T27N R29W
Deer Creek	Benton	SE Sec. 31 T40N R20W	NE Sec. 30 T40N R20W
East Fork Black River	Reynolds	E Sec. 08 T33N R02E	W ½ Sec. 16 T33N R02E
East Fork Crooked River	Ray	NE Sec. 02 T52N R27W	SE Sec. 14 T52N R27W
East Fork Grand River	Worth	NE Sec. 32 T66N R30W	NW Sec. 13 T65N R31W
Grindstone Creek	DeKalb	SW Sec. 10 T58N R30W	NW Sec. 02 T58N R30W
Heaths Creek	Saline	SE Sec. 27 T48N R21W	N ½ Sec. 23 T48N R20W
Honey Creek	Nodaway	N 1/2 Sec. 12 T65N R34W	SW Sec. 25 T65N R34W
Horse Creek	Cedar	SW Sec. 09 T34N R28W	N ½ Sec. 02 T34N R28W
Huzzah Creek	Crawford	SE Sec. 29 T36N R02W	NE Sec. 18 T36N R02W
Jacks Fork River	Texas/Shannon	SE Sec. 35 T28N R07W	NW Sec. 04 T27N R06W
Jones Creek	Jasper	NE Sec. 24 T27N R31W	NW Sec. 12 T27N R31W
Little Black River	Ripley	E ½ Sec. 09 T24N R03E	SE Sec. 23 T24N R03E
Little Drywood Creek	Vernon	NW Sec. 06 T33N R31W	SE Sec. 30 T35N R31W
Little Fox River	Clark	S 1/2 Sec. 14 T66N R09W	SE Sec. 24 T66N R09W
Little Maries River	Maries	SW Sec. 34 T41N R10W	W ½ Sec. 26 T41N R10W
Little Niangua River	Hickory	NE Sec. 26 T37N R20W	SE Sec. 35 T38N R20W
Little Piney Creek	Phelps	NE Sec. 05 T35N R08W	NE Sec. 31 T36N R08W
Little Whitewater River	Cape Girardeau	NW Sec. 01 T32N R09E	NE Sec. 16 T32N R10E
Locust Creek	Putnam	S ½ Sec. 10 T66N R20W	NE Sec. 34 T66N R20W
Long Branch Platte River	Nodaway	SE Sec. 30 T63N R34W	NE Sec. 29 T62N R34W
Loutre River	Montgomery	E ½ Sec. 17 T48N R06W	SE Sec. 10 T47N R06W
Main Ditch	Dunklin	S ½ Sec. 20 T20N R10E	NE Sec. 08 T19N R10E
Maple Slough Ditch	Mississippi	NW Sec. 34 T25N R15E	Sec 3 & 4 Line T24N R15E
Marble Creek	Madison	E ½ Sec. 24 T32N R04E	E 1/2 Sec. 21 T32N R05E
Marrowbone Creek	Daviss	SW Sec. 18 T58N R27W	NE Sec. 08 T58N R27W
Meramec River	Dent	SE Sec. 13 T35N R05W	NW Sec. 11 T35N R05W
Middle Fabius River	Lewis	NE Sec. 15 T62N R09W	SE Sec. 04 T61N R08W
Mikes Creek	McDonald	E ½ Sec. 15 T22N R30W	SW Sec. 16 T22N R30W
Mill Creek	Phelps	NE Sec. 08 T36N R09W	NW Sec. 28 T37N R09W
Moniteau Creek	Cooper	SW Sec. 20 T46N R16W	E ½ Sec. 23 T46N R16W
No Creek	Livingston/Grundy	S ½ Sec. 31 T60N R23W	SE Sec. 01 T59N R24W
North Fork River	Douglas	SE Sec. 12 T26N R12W	SW Sec. 19 T26N R11W
North River	Marion	NW Sec. 15 T58N R08W	SE Sec. 32 T58N R07W
Petite Saline Creek	Cooper	W ½ Sec. 15 T48N R16W	SE Sec. 12 T48N R16W
Pomme De Terre River	Polk	NE Sec. 16 T31N R20W	SW Sec. 01 T31N R21W
Richland Creek	Morgan	NE Sec. 04 T43N R18W	SE Sec. 28 T44N R18W
River Aux Vases	Ste. Genevieve	E ½ Sec. 33 T37N R08E	SW Sec. 26 T37N R08E
Saline Creek	Miller	NW Sec. 23 T41N R14W	NW Sec. 25 T41N R14W
Saline Creek	Ste. Genevieve	NE Sec. 35 T36N R08E	SW Sec. 32 T36N R09E
Sinking Creek	Reynolds	SE Sec. 17 T30N R02E	NE Sec. 35 T30N R02E
Sinking Creek	Shannon	SE Sec. 32 T31N R04W	NE Sec. 08 T30N R04W
South Fabius River	Marion	SE Sec. 18 T59N R08W	SE Sec. 26 T59N R08W
South River	Marion	NW Sec. 06 T57N R05W	SW Sec. 21 T58N R05W
Spring Creek	Adair	N ½ Sec. 14 T63N R17W	NE Sec. 30 T63N R16W
Spring Creek	Douglas	NW Sec. 26 T25N R11W	NW Sec. 34 T25N R11W
Tavern Creek	Miller	NW Sec. 07 T38N R12W	NW Sec. 33 T39N R12W
Turnback Creek	Lawrence	S ½ Sec. 29 T29N R25W	SE Sec. 12 T29N R26W
West Fork Big Creek	Harrison	NE Sec. 15 T65N R28W	SW Sec. 22 T65N R28W
West Locust Creek	Sullivan	SW Sec. 03 T62N R21W	N 1/2 Sec. 23 T62N R21W
West Piney Creek	Texas	NW Sec. 20 T30N R10W	SW Sec. 10 T30N R10W
White Cloud Creek	Nodaway	NW Sec. 06 T62N R35W	SE Sec. 18 T62N R35W

Table J - Water Quality Standards Variances

Facility Name	Permit ID	Effective Permit Date	Facility's Main Discharge Location		Receiving Stream	WBID	HUC 8	Highest Attainable Condition (designated use and criterion)	Variance Expiration (EPA Approval) Date
			Easting (UTM)	Northing (UTM)					
Fulton WWTP	MO-0103331	1/1/15	592755.59	4299234.181	Stinson Creek	710	10300102	AQL	9 mg/L - CBOD 5 mg/L - TSS 4.0 mg/L - TN 0.10 mg/L - TP
Joplin Turkey Creek WWTP	MO-0103349	*TBD	361664	4109167	Turkey Creek	3216	11070207	AQL	Zinc, TR 396 µg/L daily max 228 µg/L monthly average
Bolivar WWTF	MO-0022373	*TBD	465817	4163555	Town Branch of Piper Creek	1444	10290107	AQL	25 mg/L - 5-Day BOD** 18 mg/L - TN 2.5 mg/L - TP

* Effective upon issuance of the permit and EPA approval

** Includes CBOD and NBOD

Table K - Site-Specific Criteria.
Site Specific Criteria established pursuant to 10 CSR 20 7.031(5)(S).

Parameter:	Dissolved Oxygen	Daily Average Criterion:	4.4 mg/L
Water Body:	Sni a bar Creek Class P, WBID 399	Daily average dissolved oxygen concentrations shall not fall below 4.4 mg/L between July 1 and September 30 as measured by a minimum of 4 samples collected within a 24-hour period. All measurements shall be spaced a minimum of 5 hours apart.	
Season:	July September		
Hydrology:	Baseflow Conditions		
County:	Jackson		
HUC 8 :	10300101	Daily Minimum Criterion:	4.0 mg/L
UTM From:	403598 / 4321954 (Easting / Northing)	Daily minimum dissolved oxygen concentration shall not fall below 4.0 mg/L between July 1 and September 30.	
UTM To:	398010 / 4320907 (Easting / Northing)		

Table L: Lake Ecoregion Chl-a Response Impairment Threshold Values (µg/L)

Lake Ecoregion	Chl-a Response Impairment Thresholds
Plains	30
Ozark Border	22
Ozark Highland	15

Table M: Lake Ecoregion Nutrient Screening Threshold Values (µg/L)

Lake Ecoregion	Nutrient Screening Thresholds		
	TP	TN	Chl a
Plains	49	843	18
Ozark Border	40	733	13
Ozark Highland	16	401	6

Table N: Site-Specific Nutrient Criteria

Lake Ecoregion	Lake	County	Site-Specific Criteria ($\mu\text{g/L}$)		
			TP	TN	Chl a
Plains	Bowling Green Lake	Pike	21	502	6.5
	Bowling Green Lake (old)	Pike	31	506	5.0
	Forest Lake	Adair	21	412	4.3
	Fox Valley Lake	Clark	17	581	6.3
	Hazel Creek Lake	Adair	27	616	6.9
	Lincoln Lake Cuivre River State Park	Lincoln	16	413	4.3
	Marie, Lake	Mercer	14	444	3.6
	Nehai Tonkaia Lake	Chariton	15	418	2.7
	Viking, Lake	Daviess	25	509	7.8
	Waukomis Lake	Platte	25	553	11.0
Ozark Border	Weatherby Lake	Platte	16	363	5.1
	Goose Creek Lake	St Francois	12	383	3.2
Ozark Highland	Wauwanoka, Lake	Jefferson	12	384	6.1
	Clearwater Lake	Wayne Reynolds	13	220	2.6
	Council Bluff Lake	Iron	7	229	2.1
	Crane Lake	Iron	9	240	2.6
	Fourche Lake	Ripley	9	236	2.1
	Loggers Lake	Shannon	9	200	2.6
	Lower Taum Sauk Lake	Reynolds	9	203	2.6
	Noblett Lake	Douglas	9	211	2.0
	St. Joe State Park Lakes	St Francois	9	253	2.0
	Sonnen Lake	Washington	9	274	2.6
	Table Rock Lake	Stone	9	253	2.6
	Terre du Lac Lakes	St Francois	9	284	1.7
	Timberline Lakes	St Francois	8	276	1.5

AUTHORITY: sections 644.021 and 644.026, RSMo 2016. Original rule filed May 13, 1977, effective Dec. 11, 1977. For intervening history, please consult the **Code of State Regulations**. Amended: Filed June 15, 2021.

PUBLIC COST: The proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: The proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Natural Resources, Division of Environmental Quality, Water Protection Program, Attn: John Hoke, PO Box 176, Jefferson City, MO 65102. Comments may also be sent with name and address through e mail to, Angela.Falls@dnr.mo.gov or online at <https://dnr.mo.gov/proposed-rules/welcome.action#OPEN>.

To be considered, comments must be received no later than August 31, 2021. A public hearing is scheduled to be held at 10 a.m. on August 25, 2021, at the Lewis and Clark State Office Building, LaCharrette/Nightingale Creek Conference Rooms, 1101 Riverside Drive, Jefferson City, MO 65101. Virtual attendance is also available via Webex, meeting number (access code): 177 836 6623, meeting password: DNR. Call in number toll number (US/Canada): 1 650 479 3207. To join from a video system or application: Dial 1778366623@stateofmo.webex.com.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children’s Division
Chapter [32—Child Care] 35—Alternative Care**

PROPOSED AMENDMENT

13 CSR 35-[32.020]35.120 Foster Care Case Management Contracts. The division is renumbering this rule and moving it to chapter 35. The division is also amending sections (1), (3) (8), (10), (11), (13), (15), and (16), and is adding section (17).

PURPOSE: This proposed amendment establishes the governing provisions for foster care case management contracts in light of the amendments to section 210.112, RSMo, enacted into law by House Bill 1414 (2020).

PURPOSE: This rule establishes the governing provisions for foster care case management contracts to provide a comprehensive system of service delivery for children and their families as set forth in section 210.112[.8.J], RSMo.

(1) This rule shall apply to the foster care case management contracts for the provision of case management services for youth placed in the custody or under the supervision of the Children’s Division (CD) as provided in section 210.112, RSMo, as well as govern the work of contractors and their subcontractors, officers, agents, and employees pursuant to those contracts. **This regulation shall apply to any subcontractors of the contractor which provide foster care case management services. The safety and welfare of the children served under these contracts shall be the paramount consideration in all matters pertaining to these contracts.**

(3) Contractors shall provide a range of child welfare services including case management services for children in out of home placements, family centered services for parents and legal guardians from whose care the child was removed, and community resource development. Family centered services shall be defined as the family

focused intervention method utilized by the Children’s Division when working with families to assist them in identifying their strengths and needs and to develop a family plan for change.

(A) Case management services shall include assessments, case planning, placement services, service planning, permanency planning, and concurrent planning. The contractor shall have ongoing contact with the child; the child’s out of home care provider; the parents or the guardian of the child in care, if parental/guardianship rights have not been terminated; the children remaining in the home; the court; and the members of the child’s Family Support Team as defined in the Children’s Division’s written policies. The contractor must provide case management services that respect the culture, ethnicity, and religious practices of the children and that of his/her family. The contractor shall document all case management services provided in the case record as well as in the automated case management system within the timeframes outlined in the contract and in the policies of the Children’s Division.

1. Assessments shall be defined as the consideration of all social, psychological, medical, educational, and other factors to determine diagnostic data to be used as a basis for the case plan.

2. Case planning is a process of negotiation between the family case manager, the parent(s) or guardian(s) from whom the child was removed, and the juvenile officer, which describes the services and activities necessary for the purpose of achieving a permanent familial relationship for the child. The case plan shall include the permanency plan as defined in paragraph (3)(A)5. below, the concurrent plan as defined in paragraph (3)(A)6. below, the service plan as defined in paragraph (3)(A)4. below, the timeframes in which services will be delivered, and the timeframes for obtaining reports from service providers, when applicable.

A. Contractors shall develop a case plan no later than *[fourteen (14)] thirty (30)* days after referral of the child’s case to the contractor by the Children’s Division. The contractor shall submit case plans to the court in accordance with local court procedures.

B. The case plan shall be developed in accordance with the written policies of the Children’s Division and applicable federal and state law. In the event that the policies of the Children’s Division conflict with applicable federal and state law, federal and state law shall prevail.

C. The contractor’s case manager shall give careful consideration to the unique needs of each child and family when developing the case plan.

D. As necessary to effectuate the best interests of the subject child, the case plan may be amended from time to time *[throughout the contract period]*.

3. Placement services is the selection of, and placement with, the most appropriate resource for children in out of home care based on the assessment of the child’s unique needs and personality and the out of home care provider’s capacity and skills in meeting those needs.

A. The contractor’s case manager must utilize the least restrictive out of home placement for a child.

(I) The best interests of the child in care shall govern all placement decisions. When the placement would not be contrary to the best interest of the child, the contractor must give relatives of the child in care preference and first consideration to serve as the child’s out of home care provider. As required by applicable federal and state law, the contractor must conduct an immediate search to locate, contact, and, where appropriate, place the child in care with his/her grandparent(s). Therefore, grandparents of the child in care shall be given first consideration for placement before other relatives of the child in care are considered. Whenever the contractor decides that relative placement is contrary to the best interests of the child, the contractor shall document the reasons for this decision in the case plan.

(II) Placements in residential treatment shall be based on an **individualized, independent assessment of [the] each child’s needs in the manner required by law, regulation, and CD policy**. Such

placements shall be considered for children in care who need structured and therapeutic intervention. Placement in a residential treatment facility must be of a limited duration and treatment during this time must be focused on enabling the child in care to transition to family and/or community based care as soon as possible. **The contractor shall prioritize methods of reducing or eliminating a child's need for residential treatment through community-based services and supports.**

(III) In coordination with the child in care's Family Support Team, the contractor shall periodically reassess the placement of the child to determine whether the placement is consistent with the child's permanency plan and is meeting the child's needs.

(IV) As required by the written policies of the Children's Division, the contractor shall convene Family Support Team meetings to discuss any change in placement.

B. The contractor shall exercise reasonable and continuing efforts to preserve, foster, and encourage the relationships between siblings of children under case management with the contractor unless it is contrary to the safety or welfare of one (1) or more of the siblings to do so.

(I) Whenever reasonably possible, the contractor shall place a child in out of home care with any siblings who are also removed from their home. The contractor shall make reasonable efforts to place siblings in the same placement unless doing so would be contrary to the safety or welfare of any of the siblings.

(II) The contractor must make arrangements for regular, frequent, and continuing visitation between siblings who are not in the same placement unless it is contrary to the safety or welfare of one (1) or more of the siblings to do so.

(III) Unless it is contrary to the safety or welfare of one (1) or more of the siblings to do so, the contractor shall reunite siblings at the earliest time possible when circumstances change and different caregivers are no longer required.

(IV) The contractor shall document in the case file its efforts to place siblings in the same home and, if not placed in the same home, its efforts to maintain the sibling relationship. If the contractor determines that placement of siblings in the same placement or visitation between the siblings is contrary to the safety or welfare of the siblings, the contractor shall document the reasons therefore in the case file.

C. When an appropriate placement is available and it is in the best interests of the child to do so, placements of children in care shall be made in the child's home community.

D. Unless otherwise ordered or authorized by the court, placement of children in care shall be with a licensed out of home care provider.

E. The contractor's case manager shall not place a child in a home in which any person residing in the home has been found guilty of, or pled guilty to, any crimes identified in section 210.117, RSMo.

4. Service planning is the provision of any services indicated and identified as needed through an assessment and case plan, or ordered by the juvenile court.

5. Permanency planning is determining the permanent plan which best meets the needs of the child in care and which complies with the applicable requirements of federal law. Contractors shall provide ninety (90) calendar days of services to the child and family after a child is reunified with their parent(s) to assure a continued successful outcome as defined in the contract. Contractors shall provide ninety (90) calendar days of services to the child and family after a child is reunified with their legal guardian(s), from whom they were removed, to assure a continued successful outcome as defined in the contract. The permanency plan shall consider

A. The child's need for a continuing relationship with his/her parent(s) or legal guardian(s) prior to the child's removal from the home;

B. The ability and willingness of the child's parent(s) or legal guardian(s) *[prior to the child's removal from the home]* to actively perform their functions as the child's caregiver with regards to the needs of the child;

C. The interaction and interrelationship of a child with the child's parent(s) or legal guardian(s) from whom they were removed, the child's out of home care provider, siblings, and any other person who may have a significant impact upon the child's best interest;

D. The child's adjustment to his/her out of home placement, school, and community; *[and]*

E. The mental and physical health of all individuals involved, including any history of abuse of or by any individuals involved.*[.]*; and

F. Any other information and factors that may be relevant to the care, safety, and welfare of each child.

6. A permanency plan shall include an individualized primary permanency plan and a concurrent permanency plan for each child. Concurrent permanency planning is a process of pursuing a primary permanency goal for a child in care, such as reunification, while simultaneously establishing and implementing an alternative permanency plan for that child. The contractor shall make active, reasonable efforts to finalize the primary *[or]* and concurrent permanency plan and shall document those efforts in the case file. The permanency plan shall be developed at the earliest possible opportunity and in no case later than *[fourteen (14)] thirty (30)* days after case referral. The plan shall be submitted to the court in the manner prescribed by law or as otherwise ordered by the court. As required by Children's Division written policies, the permanency plan shall be periodically reviewed and, where appropriate, may be modified if modification is in the best interests of the child as *[determined]* recommended by the child's Family Support Team or as ordered by the court.

(B) Community resource development is the recruitment, assessment, training, maintenance, and retention of out of home care providers. It shall also include the development of those services which shall best meet the needs of the child and family.

1. The contractor shall conduct community resource development activities to obtain appropriate out of home resource providers to enable the contractor to perform its duties under the contract.

2. Unless such policies conflict with applicable state law, the contractor shall ensure background investigations are conducted on all out of home care providers as required by law, regulation, and the written policies of the Children's Division.

3. The contractor shall utilize a training curriculum which meets or exceeds the resource development standards set forth in the written policies of the Children's Division. The contractor shall obtain approval from the Children's Division designee prior to finalizing the curriculum and content for the training sessions.

(4) The contractor shall ensure that all children under the age of ten (10) years old referred to the contractor receive a Healthy Children and Youth assessment within thirty (30) days of entering care, as often as necessary for the provision of follow-up care and treatment, and *[every six (6) months]* at least annually thereafter. Such assessments will be utilized to determine treatment services which will meet the child's psychological and social needs. When the assessment indicates intensive twenty four- (24-)*/-* hour treatment services, appropriate services will be provided. A written report of the assessments and documentation that the prescribed treatment has been timely provided to the child (or good cause why the treatment was delayed or not provided) shall be documented and maintained in the case file.

(5) The contractor shall deliver all services through qualified professionals who have substantial, current and relevant training, education, and experience and who are competent, as defined by the Council on Accreditation, to deliver case management services. The contractor's personnel must meet or exceed all of the applicable accreditation, licensing and/or certification requirements of their profession set by the state of Missouri, if such licensure or certification is required by their profession for the performance of their specific job function. The contractor's personnel must meet the education and experience expectations outlined in the most current child

placing rules set forth at 13 CSR 40 73.035.

(A) The contractor shall maintain a personnel file for each employee which shall be accessible to the Children's Division upon request for the purpose of verifying compliance with **this regulation** and the requirements of its contract with the Children's Division. At a minimum, the file must include complete and current criminal record checks, background investigations, resumes, degrees or diplomas, date of employment, training records, performance appraisals, commendations, disciplinary actions, and other related actions. Background checks, including **finger print based** criminal background checks, shall be periodically updated as requested by the Children's Division **or otherwise required by law**. Contractors shall immediately notify the Children's Division of any act or occurrence which may impact their employee's ability, qualifications, or certification to provide services under the contract.

(6) The contractors shall deliver all services through professionals who have substantial and relevant training.

[(A)] The contractor's personnel providing case management services or direct supervision of case management services must successfully complete the same training [which emphasizes—] curriculum as the Children's Division's personnel which provide case management services or direct supervision of case management services. This applies to both pre-service and in-service training as required by the Children's Division. Contractors may provide or require additional training as they deem appropriate, provided that the additional training is consistent with the Children's Division's regulations, policies, and procedures. Contractor's personnel attending Children's Division pre-service training will be scheduled for the first available session with openings.

1. A strengths-based assessment of the family;

2. Engagement of the family throughout a child's out-of-home placement beginning with the assessment;

3. Treatment and service planning for all family members with a commitment to reunifying the child with his/her biological family whenever possible, to preserving a child's connection to his/her family of origin whenever possible, and a commitment to a child's right to belong to a family;

4. Family dynamics, including human growth and development;

5. A team approach to case planning which draws upon the experience of professionals who are familiar to the members of the child in care's family;

6. Advocacy for the families and children served through the child welfare system;

7. The relevant legal and due process rights of children, parents, families, and care providers;

8. A background in the laws and procedures governing the juvenile courts; and

9. Cultural sensitivity.

(B) The contractor's personnel providing case management and direct supervision of case management staff must successfully complete pre-service training either by attending the Children's Division pre-service training, or by directly providing or arranging for another entity to provide pre-service training. The training shall include all of the topics listed in subsection (6)(A) above.

1. When the contractor plans to provide or arrange for another entity to provide pre-service training for its employees, the contractor must submit the curriculum to the Children's Division for prior approval.

A. When the contractor is granted permission to provide the pre-service training, or to arrange for another entity to provide the pre-service training, it shall be the contractor's responsibility to ensure the training is provided. In such instances, employees and/or subcontractors of the contractor will be eligible to attend the pre-service training provided by the Children's Division only if agreed between the chil-

dren's division and the contractor.

2. The pre-service training for newly-hired case managers and direct supervisors must be completed within the first ninety (90) calendar days of employment.

3. Pre-service training must incorporate skill-based instruction and skill building exercises. For the first ninety (90) days of employment, the contractor must provide case managers with on-the-job support which includes experiential learning techniques.

4. Contractor's personnel attending Children's Division pre-service training will be scheduled for the first available session with openings.

5. The pre-service training must—

A. Clearly identify the case management role;

B. Clearly acquaint personnel with federal and state laws relating to child welfare practices; this includes, but is not limited to, the constitutional rights of families and children who are involved in the juvenile justice system, including training on due process, the Fourth Amendment to the U.S. Constitution, the Adoption and Safe Families the requirement that Children's Division exercise reasonable efforts to finalize permanency plans, concurrent planning, termination of parental rights, guardianships, the Missouri Rules of Procedure for Juvenile Courts, and federal and state law governing permanency planning;

C. Acquaint personnel with Children's Division's policies relating to out-of-home care, adoption and guardianship subsidy programs, family-centered services, intensive in-home services, and resource development as defined by Children's Division written policies;

D. Acquaint personnel with recordkeeping requirements as set forth in the written policies of the Children's Division;

E. Acquaint personnel with the automated information system utilized by the Children's Division; and

F. Successful completion of pre-service training must be documented in personnel records for all personnel providing case management services and direct supervisors.]

[(C)](A) The contractor's personnel who recruit, train, and assess foster parents serving children with elevated needs, or who provide ongoing support to such foster parents, must successfully complete specific training which is designed for the elevated needs program. Elevated needs shall be defined as provided in 13 CSR 35 60.070. Training for elevated needs providers must be provided by the Children's Division or by the contractor's staff utilizing curriculum which has been previously approved by the Children's Division.

[(D)](B) The contractor's personnel who train staff who are tasked to recruit, train, and assess foster parents serving children with elevated needs must successfully complete a Train the Trainer session provided by the Children's Division or by another entity approved to provide such training by the Children's Division.

(7) The contractor must submit all required information to the family care safety registry on behalf of all professional personnel assigned to provide services under the contract prior to such personnel providing service to children in care. Such information shall be updated on an annual basis thereafter. Any personnel who reside in another state and work in the state of Missouri, or who have relocated to the state of Missouri within the last five (5) years, shall provide documentation of background screening(s) from their state of origin to include, but not limited to, child abuse/neglect and criminal background screening check(s), prior to such personnel providing service. If the employee continues to reside in another state while performing case management services for the contractor, the out of state check shall be done annually. The contractor's professional personnel assigned to the contract must have background investigations, **including finger-print based criminal background checks**, submitted to the Children's Division via a form provided by the Children's Division prior

to such professional personnel providing services under the contract.

(C) When child abuse/neglect or criminal activity is discovered through the background investigation of any professional personnel assigned to provide services under the contract, the contractor must review the information to determine the relevance of such finding to the provision of case management services.

1. The contractor shall not allow individuals to perform case management duties when his/her background investigation reveals that he/she has been found guilty, pled guilty, or has been convicted of

A. A felony conviction for child abuse or neglect or spousal abuse;

B. A felony or misdemeanor conviction for any crime in which a child was a victim or a crime against children, to include, but not limited to, any offense involving child pornography;

C. Any crime involving violence and/or sexual offenses, including, but not limited to, rape, domestic violence, domestic assault, armed criminal action, sexual assault, or homicide;

D. Failure to report suspected child abuse to the child abuse and neglect hotline as required by section 210.115, RSMo;

E. A felony conviction for physical assault, battery, or a drug related offense within the past five (5) years; or

F. Any other crime listed in section 210.117, RSMo.

2. The contractor must submit a written request to the Children's Division designee when the contractor desires to hire an individual with a history of child abuse/neglect or criminal activity which does not meet the criteria identified in paragraph (7)(C)1. above. The Children's Division designee shall review the request and provide a written response indicating if the individual may provide case management services.

A. The contractor *[shall]* or the individual or both may request an administrative review no later than thirty (30) days from the date of Children's Division decision *[when]* if they dispute such decision. If the Children's Division does not receive a timely request for administrative review the Children's Division's decision shall be final.

B. The request for an administrative review shall be in writing and generally set out the reasons for the request.

C. The Children's Division shall schedule an administrative review within *[three (3)]* five (5) business days of receipt of the request. The administrative review shall take place before the Children's Division designee. The Children's Division shall notify the contractor and/or the individual of the date and time of the review. The review may be continued at the request of the contractor or the individual, but the employment exclusion shall remain in effect pending the administrative review.

D. The review shall be informal, the rules of evidence shall not apply, and both the contractor and the Children's Division may submit any information relevant to the appealed decision. The purpose of the review will be to determine the potential employee's suitability for employment under the contract.

(I) The contractor's personnel application must include an authorization for the Children's Division to release information which directly relates the employee's suitability for employment under the contract.

(II) Upon completion of the administrative hearing, the Children's Division designee will submit a recommendation to the director of the Children's Division. The director may affirm or reverse the initial decision. Such decision shall be final.

(F) Except for employment and workers' compensation matters, the contractor must disclose any relevant litigation within the past five (5) years involving the contractor, the contractor's employees, officers, agents, and/or subcontractors within five (5) business days from the date the contractor receives a demand or is served with process, whichever takes place first. Individuals and entities who submit a response to an Request for Proposals (RFP) or Invitation for Bid (IFB) shall also disclose this information during the procurement process. The contractor shall dis-

close the names of the parties (initials may be used in lieu of party name for minors); the Court and case number in which the case was filed; and a brief description of the claims or criminal charges brought. The contractor shall include a copy of the complaint or petition if requested by the Department of Social Services or the division.

1. Relevant litigation under this agreement is defined as any civil claims, judgments, or out-of-court settlements and/or criminal charges which are pending or have been disposed of by a finding or plea of guilt, an Alford plea, or a plea of *nolo contendere* regarding the following:

A. Allegations of child abuse or neglect;

B. Personal injury to a client;

C. Violent acts, including but not limited to, domestic violence and other crimes against persons;

D. Acts against the family, which include, but are not limited to Orders of Protection, and criminal charges denominated as offenses against the family;

E. Fraud and/or misrepresentation;

F. Sexual offenses, including pornography, and any registration on a sexual offender registry;

G. Weapons offenses;

H. Controlled substance offenses; or

I. Any other claims or charges which relate to the delivery of foster care case management services to children.

2. The contractor must also disclose any pending investigation or assessment or "substantiated finding" of any contractor's employee, officer, agent, and/or subcontractor within five (5) business days from the date of notification.

3. Substantiated finding is defined as a court adjudication, or determination by the state agency or any court of a probable cause and/or preponderance of the evidence finding, or substantially similar findings in this state or any other.

4. Failure of the contractor to disclose relevant litigation, pending investigations, assessment, or "substantiated finding" as specified herein, shall be considered a breach of the contract and subject to appropriate and available remedies by the State of Missouri.

5. The Children's Division may share information about any disclosed litigation, pending investigations, assessments, or "substantiated findings" with all state and federal agencies, law enforcement agencies, state and federal auditors, children and families, Family Support Team (FST), and any courts, in the sole discretion of the Children's Division on a need to know basis as determined by the state agency and consistent with applicable state law.

(8) Contractors shall have a proven record of providing quality child welfare services within the state of Missouri.

(C) The contractor's case management program must be accredited by one (1) or more of the following national accrediting bodies: the Council on Accreditation (COA); the Joint Commission; or the Commission on Accreditation of Rehabilitation Facilities. The Children's Division *[shall]* will accept proof of accreditation in good standing as *prima facie* evidence of completion of the requirements for licensure under sections 210.481 *[and]* to 210.511, RSMo, *[proof that an agency is accredited. The Children's Division shall not require any further evidence of qualification for licensure if such proof of voluntary accreditation is submitted]* only as provided in 13 CSR 35-35.140.

(10) Subject to appropriation, the Children's Division shall continue to offer contracts in areas of the state where eligible providers are capable of providing a broad range of services. Subject to appropriation, the Children's Division may consider expansion of the contracts to areas of the state where Children's Division's staff caseloads exceed COA standards.

(11) The contract may not result in the loss of federal funding. The contractor shall therefore comply with and implement the requirements of all relevant federal and state laws, **regulations**, and policies including, but not limited to, those listed below which pertain to the child under case management by the contractor. In the event of a discrepancy between the policies of the Children's Division and federal or state law, the contractor shall comply with the federal or state law.

(K) Federal laws, rules, and regulations including, but not limited to, *[the Adoption and Safe Families Act] Title IV-E of the Social Security Act, as amended*, and the Health Insurance Portability and Accountability Act, *as amended*;

(M) Local initiatives pertaining to services which a case manager provides to children in out of home placements and their families which have been approved by the Children's Division state office. *[This shall include, but shall not be limited to, requirements related to Family-to-Family. Expectations of contractors shall not exceed requirements of Children's Division staff.]*

(13) **The Children's Division shall monitor and evaluate [C]ontractors [shall be evaluated by the Children's Division] based on objective, consistent, and performance based criteria as [further defined] provided in both 13 CSR 35-35.100 and the contract. In the event of a conflict between 13 CSR 35-35.100 and the contract, the regulation shall prevail over the contract.**

(D) *[The Children's Division may monitor additional outcomes including, but not limited to: the number of placement settings for children in out-of-home care; residential utilization; outcomes for older youth; and the number of resource homes developed by the contractor as identified in the Request for Proposal or Invitation for Bid. The Children's Division may require corrective action when the contractor fails to meet the standards set forth in the Request for Proposal or Invitation for Bid.] Children in the custody of, or under the supervision of, the Children's Division and whose cases are being managed by the contractor must receive comprehensive and quality services as measured by the evaluation tool set forth in 13 CSR 35-35.100.*

(15) If the contractor does not comply with its obligations under this regulation, or breaches its contract with the Children's Division, or the Children's Division has reasonable cause to suspect that any child or children's safety or welfare may be at risk the Children's Division shall have the discretion to halt new referrals of cases to the contractor, transfer cases to other performing providers, terminate the contract, and seek any remedies which may be available in law and equity for breach of contract. **The Children's Division may take immediate action as the Children's Division in its discretion may deem be necessary to ensure the safety, welfare, and best interests of children served by the contractor.** If the Children's Division determines that the contractor has failed to meet the outcome measures specified in the contract, the Children's Division may reduce the contractor's caseload or cancel the contract in its entirety. The contractor shall be allowed an opportunity to review the outcomes prior to the development of the final outcomes report. The contractor shall be responsible for any updates in the automated case management system which are necessary to correct the outcomes. The Children's Division shall correct any programming errors identified by the contractor.

(16) In addition to those measures authorized in section (15) above, if the contractor does not meet the **performance and/or outcome goals** specified in the contract and in 13 CSR 35-35.100, or otherwise fails to comply with this regulation, **any other laws or regulations**, or the contract, the Children's Division may elect to require the contractor to implement a *[practice improvement]* corrective action plan to *[correct]* remedy any deficiencies in performance. Failure of the contractor to take action as indicated in the practice improvement plan within ninety (90) calendar days, or the number of

days specified in the practice improvement plan, shall be considered a breach of contract. Thereafter, the Children's Division may terminate the contract or pursue any other remedies in law or equity available to the Children's Division. The written *[practice improvement]* corrective action plan shall address

- (A) Reasons why the *[outcome]* goal was not achieved;
- (B) Steps taken to meet the *[outcome]* goal;
- (C) Individual(s) responsible for necessary action; and
- (D) Timeframe for meeting the defined *[outcome]* goal.

(17) **All contractors, whether accredited, licensed or not, shall fully comply with the information sharing requirements set forth in 13 CSR 35-35.140(5).**

AUTHORITY: sections 207.020 and 660.017, RSMo [2000] 2016, section 210.112.8, RSMo Supp. [2010] 2020, and Young v. Children's Division, State of Missouri Department of Social Services, 284 S.W.3d 553 (Mo. 2009). Original rule filed Feb. 28, 2011, effective Oct. 30, 2011. Emergency amendment filed June 11, 2021, effective July 1, 2021, expires Feb. 24, 2022. Amended: Filed June 11, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Social Services, Legal Services Division Rulemaking, PO Box 1527, Jefferson City, MO 65102 1527, or by email to Rules.Comment@dss.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children's Division
Chapter 32—Child Care 35—Alternative Care**

PROPOSED AMENDMENT

13 CSR 35-32.030/35.130 Contracted Foster Care Case Management Costs. The division is renumbering this rule and moving it to Chapter 35. The division is also amending sections (1) (6) and adding section (7).

PURPOSE: This proposed amendment implements House Bill 1414 (2020), which amended section 210.112, RSMo in regards to how the Department of Social Services and the Children's Division will determine the reasonable cost for contracted foster care case management services for foster care case management contracts under section 210.112, RSMo; and how foster care case management contractors may earn incentive payments for superior performance pursuant to section 210.112, RSMo.

(1) Payment to **individuals and entities providing foster care case management [providers]** services pursuant to section 210.112, RSMo and 13 CSR 35-35.120 (hereinafter referred to as "contractors") contracted by the Children's Division of the Department of Social Services (hereinafter referred to as the "division" or "CD") shall be based on the reasonable cost of services as determined through the competitive procurement process. *[Providers]* Contractors and prospective contractors (hereinafter referred to as "contractor" or contractors") shall certify their bid covers all reasonable costs at a firm fixed price unless otherwise provided by law.

(A) Upon request by CD, the *[provider]* contractor shall submit a written explanation and supporting documentation detailing how the *[provider]* contractor calculated the reasonable costs of services. The CD may not award a contract to any *[provider]* contractor which fails to submit such information when requested by CD.

(B) CD, in its sole discretion, may reject any bid where CD determines that the bid amount for a service or services exceeds the reasonable cost of the service or services. **The Department of Social Services shall apply the cost principles set forth in 2 CFR Part 200 as applicable in the approval, evaluation, and audit of bids and contracts.** CD shall use federal *[guidelines, OMB Circular A-122/ Uniform Guidance, pursuant to 2 CFR 200.404]*, to define reasonable costs as follows:

1. Reasonable costs. A cost is reasonable if, in its nature or amount, it does not exceed that which would be incurred by a prudent person under the circumstances prevailing at the time the decision was made to incur the cost/s/. The question of the reasonableness *[of specific costs must be scrutinized with particular care in connection with organizations or separate divisions thereof which receive the preponderance of their support from awards made by federal agencies]* is particularly important when the contractor is predominantly federally funded. In determining the reasonableness of a given cost, consideration shall be given to

A. Whether the cost is of a type generally recognized as ordinary and necessary for the operation of the *[organization]* contractor or the proper and efficient performance of the *[award]* contract;

B. The restraints or requirements imposed by such factors as sound business practices; arm's-length bargaining; federal, state, local, tribal, and other laws and regulations; the terms and conditions of the federal award of monies to the state, generally accepted sound business practices, *[arms-length bargaining, federal and state laws and regulations,]* and terms and conditions of the *[award]* contract;

C. Market prices for comparable goods or services for the geographic area;

[C./D.] Whether the individuals concerned acted with prudence in the circumstances, considering their responsibilities to the *[organization]* contractor, its members, employees, and clients, the public at large, and the state and federal government; and

[D./E.] *[Significant deviations]* Whether the contractor significantly deviates from the established practices of the division or the *[organization]* contractor which may unjustifiably increase the *[award]* contract costs.

(2) CD may, in its sole discretion, establish a cap on the highest amount that CD will pay for the reasonable cost of services identified in the Request for Proposal (RFP) or Invitation for Bid (IFB). CD will announce the cap for services in the RFP or IFB. CD shall utilize one (1) or more of the following methods to establish the cap as part of the competitive procurement process:

(A) Industry cost reports for the previous three (3) calendar years which demonstrate the costs to the *[provider]* contractor to deliver the services identified in the RFP or IFB. Such reports shall include costs for case management services, community resource development, treatment services, special expenses, crisis expenses, administrative costs, and any other cost incurred to provide the services identified in the RFP or IFB. Upon request by CD, case management *[providers]* contractors or prospective case management *[providers]* contractors who submit a proposal or bid for a contract shall provide CD with cost reports and supporting documentation, if and when required by the RFP or IFB. The format for submission of cost report information shall be included in the RFP or IFB.

1. Cost for case management services shall include all costs associated with assessments, case planning, placement services, service planning, permanency planning, and concurrent planning. Such costs shall include salaries and benefits for required staff.

A. Assessments shall be defined as the consideration of all social, psychological, medical, educational, and other factors to determine diagnostic data to be used as a basis for the case plan.

B. Case planning is a process of negotiation between the family case manager, parent(s) or guardian(s) from whom the child was removed, and the juvenile officer which describes the services and activities necessary for the purpose of achieving a permanent familial relationship for the child.

C. Placement services is the selection of the most appropriate placement resource for children in out of home care based on the assessment of the child's unique needs and personality and the out of home care *[provider's]* contractor's capacity and skills in meeting those needs.

D. Service planning is the provision of any services indicated and identified as needed through an assessment and case plan or ordered by the juvenile court.

E. Permanency planning is determining the permanent plan which best meets the needs of the child.

F. Concurrent planning is a process of pursuing a primary permanency goal for children in out of home care, such as reunification, while simultaneously establishing and implementing an alternative permanency plan for that child.

2. Cost for community resource development shall include all costs associated with the recruitment, assessment, training, and maintenance and retention of out of home care *[providers]* contractors. It shall also include the development of those services which shall best meet the needs of the child and his/her family.

3. Cost for treatment services shall include all services designed to meet the service and treatment needs of an individual.

4. Cost for special expenses shall include all costs associated with needs of children which are not designed to meet a service or treatment need. These costs would not be included in the foster care maintenance payment to the placement *[provider]* contractor. An example is a clothing allowance.

5. Cost for crisis expenses shall include all reasonably necessary costs incurred to address the critical financial and resource needs of families. Crisis funds are utilized to purchase specific items family members need to alleviate a crisis. An example is payment to have utilities restored so that a child may be returned home.

6. Administrative costs are those which are incurred to deliver the case management services defined in the RFP or IFB which are not included above in paragraphs (2)(A)1., (2)(A)2., (2)(A)3., (2)(A)4., or (2)(A)5. Such costs include expenses for general administrative functions and overhead.

7. *[Provider]* Contractor costs shall be determined and validated by a third party contractor retained by CD or the Department of Social Services for that purpose. The *[provider]* contractor shall submit any and all information that CD, the Department of Social Services, or the third party contractor may require to validate the cost report. The *[provider]* contractor shall certify such information is truthful, accurate, and complete.

8. *[Provider]* Contractor costs shall include any applicable credits or payments received through federal or state funding sources or private contributions.

9. Industry cost reports shall include any audited financial statements for the applicable time period under review;

(3) *[Awards]* Contracts shall be made to the lowest and best qualified bidder(s), subject to applicable procurement law and available appropriation. A qualified bidder is a *[provider]* contractor which meets all of the requirements in law, regulation, and policy related to the services identified in the RFP or IFB. A qualified bidder must also meet the qualifications outlined in the RFP or IFB.

(4) The number of bids, contracts, and cases awarded to any given *[provider]* contractor are subject to available appropriation.

(5) The contract shall specify the monthly amount which is to be paid

based on the number of cases awarded unless payment has been reduced for reasons specified in this regulation. The contract may include a provision that the parties to the contract may amend the contract to increase or decrease the rate if [specifically] authorized by statute or appropriation.

(6) The contract shall provide for the payment of incentives to recognize accomplishment of case goals and corresponding cost savings to the state, subject to the availability of appropriated funds. In the event that sufficient funds are not available to pay the full incentives, as adjusted, and calculated pursuant to this section, the Department of Social Services shall reduce the payment to each contractor eligible to receive an incentive payment pro rata on the basis of the proportion of cases that the eligible contractor handled during the period to the total number of cases handled by foster care case management contractors eligible to receive an incentive payment during the period.

(A) For contracts effective on or before September 30, 2011, incentives shall be provided when contractors exceed the permanency expectations identified in the contract as follows:

1. The contract shall identify the percentage of children who are to achieve permanency in a twelve- (12)-/1 month period. Permanency shall be defined as reunification with the child's parent(s) or legal guardian(s), a finalized adoption, or establishment of a legal guardianship;

2. CD shall refer the number of cases in the Notice of Award during the first month of the contract year. CD shall refer additional cases throughout the contract year with the intention of replacing cases which are expected to move to permanency each month based on the percentage of children who are to achieve permanency as identified in the contract; and

3. The contractor shall be paid monthly for the number of cases awarded, regardless of the number they actually serve, except in the following situations:

A. CD shall reduce the payment when CD determines it is in the best interest of a child to reassign the case to CD staff and the case is not replaced. CD shall reduce payment by the number of cases which have been disenrolled and reassigned for case management which were not replaced;

B. CD shall reduce payment when the contractor is placed on referral hold as the result of the contractor's staff involvement with an unacceptable, egregious situation as defined in the contract. Payment shall be reduced by the number of cases which CD is unable to refer while the contractor is on referral hold due to an egregious situation. Egregious situations are defined in this rule to include any situation which seriously impacts the delivery of services to a child or family assigned to the contractor, including a material breach of the contract with the division, and shall include, but is not limited to, the following:

- (I) Court contempt order;
- (II) Violating the condition(s) of a court order;
- (III) Unsafe environments or inappropriate out of home [provider] contractor as evidenced by the following:

(a) Placement in unlicensed foster homes or facilities unless approved by the court;

(b) Placements with a [provider] contractor without conducting a background screening;

(c) Placements with a [provider] contractor with a failed background screening as defined in the CD Child Welfare Manual;

(d) Placements without full compliance with the requirements of the Interstate Compact on the Placement of Children (section 210.620, RSMo); and

(e) Placements without court approval where court approval is required;

- (IV) Breaches of confidentiality as defined in the contract;

(V) Intentionally, recklessly, knowingly, or negligently entering false data in CD's automated case management system;

(VI) Failure to comply with the requirement to report suspected child abuse and neglect, child injuries, child fatalities, or other critical incidents as required by contract and/or as required by section 210.115, RSMo; and

(VII) Other violations of federal or state law;

C. The contractor shall not invoice for reentries into care within twelve (12) months of previous exit except under those circumstances described below

(I) The contractor shall be paid for reentries into care during the contract year whereby the number of cases replacing those which are expected to move to permanency each month shall be reduced to correspond with the number of reentries when

(a) The contractor does not have an opportunity to serve the case or the court terminates jurisdiction and there is clear and convincing documentation to support the contractor was against the release of jurisdiction;

(b) Reunification does not occur; and

(c) The case has been replaced; and

(II) The contractor shall be paid for reentries into care during the next contract year whereby the reentry into care shall count as an active case at the beginning of the contract year when

(a) The contractor does not have an opportunity to serve the case or the court terminates jurisdiction and there is clear and convincing documentation to support the contractor was against the release of jurisdiction; and

(b) Reunification did occur when the court first terminated jurisdiction after assignment to the contractor;

D. CD shall reduce the monthly case rate to remove the foster care maintenance payment for those children who have been enrolled in the interdivisional agreement through the /Mental Retardation and/ Developmental Disabilities (MR/DD) Comprehensive waiver with the Missouri Department of Mental Health; and

E. CD shall reduce the monthly case rate to reimburse the contractor for only case management services when a child meets the definition of a catastrophic case as defined in the contract and CD is providing additional funding for the child.

(B) For new contracts issued based on an RFP or IFB on or after October 1, 2011, subject to available appropriation, CD shall pay an incentive for the sum of the monthly differences between the number of children who are expected to achieve permanency as defined in the contract and the number of children who do achieve permanency when the one for one case replacement methodology is utilized. Permanency shall be defined as reunification with the child's parent(s) or legal guardian(s), a finalized adoption, or establishment of a legal guardianship. The following provisions shall apply to the administration of the incentive:

1. The percentage of children which are to achieve permanency in a twelve- (12)-/1 month period shall be based on the following percentage, whichever number is higher:

A. The percentage of children who move to permanency within a region, utilizing an average for all counties served within the region; or

B. The percentage of children contractors serve who move to permanency within a region, utilizing an average of the performance of contractors serving the region;

2. The contractor may return cases to CD when children have been placed with their parent(s) for more than ninety (90) days. The contractor may return cases to CD when children have been placed with their legal guardian(s), from whom they were removed, for more than ninety (90) days. The contractor may retain management of the case after ninety (90) days only with the prior, written permission of the CD. When permission is granted, the contractor shall understand the permanency expectation will not change. The contractor shall return cases when an adoption has been finalized, the courts have awarded a legal guardianship, and when the juvenile court has terminated jurisdiction over the child. CD may replace such cases on a one for one basis. When the one for one case replacement methodology is utilized, CD shall replace cases in the following order of

preference if cases are available:

A. The next child and any sibling who enter care within ten (10) calendar days in the county where the case was returned;

B. A child and any sibling currently case managed by CD in the county where the case was returned with services being provided by a supervisor or coworker due to the extended absence of the service worker;

C. A child and any sibling which entered care within thirty (30) calendar days in the county where the case was returned which is case managed by CD;

D. A child and any sibling from a county other than the one where the record was returned which is served by the contracted *[provider]* contractor and meets the criteria set forth in subparagraphs (6)(B)2.A., (6)(B)2.B., or (6)(B)2.C. above, when agreeable to the contractor; and

E. In the event the contractor is assigned more active cases than awarded in an effort to keep one (1) worker assigned to a sibling group, cases shall not be replaced until such a time when the contractor is serving the amount of active cases awarded. Active cases do not include children who have been placed with their parent(s) for more than ninety (90) days unless the CD has granted permission for the contractor to keep the case; children who have been placed with their legal guardian(s), from whom they were removed, for more than ninety (90) days unless the CD has granted permission for the contractor to keep the case; children who have been adopted; those situations where the courts have awarded a legal guardianship; situations where the juvenile court has terminated jurisdiction over the child; or reentries into care unless they meet the criteria specified in part (6)(A)3.C.(I) above or the rate of re-/entries or the number of re-/entries into care within twelve (12) months has not exceeded the allowable rate or number as defined in subparagraph (6)(B)3.D. below. The contractor shall not be assigned a sibling group which would increase the number of cases awarded by more than two per cent (2%). The contractor shall inform CD of the additional number of cases which may need to be replaced to keep the contractor at the number of cases awarded by the end of the contract year;

3. The contractor shall be paid for the number of cases awarded except in the following situations:

A. Payment shall be reduced in the following and subsequent months during the contract year and subsequent renewal periods to correspond with the number of cases which could not be assigned when the counties have no case which meets any of the criteria identified in subparagraph (6)(B)2.A., (6)(B)2.B., (6)(B)2.C., or (6)(B)2.D. above. CD reserves the right to increase the number of referrals during subsequent renewal periods when the number of children entering CD's custody increases in the geographic region served by the contractor, when the *[provider]* contractor is agreeable to such;

B. CD shall reduce the payment when CD determines it is in the best interest of a child to reassign the case to CD staff and the case is not replaced. CD shall reduce payment by the number of cases which have been disenrolled and reassigned for case management which were not replaced;

C. CD shall reduce payment when the contractor is placed on referral hold as the result of the contractor's staff involvement with an unacceptable, egregious situation as defined in the contract. Payment shall be reduced by the number of cases which CD is unable to refer while the contractor is on referral hold;

D. CD shall set an allowable rate of re-/entries or the number of re-/entries into care within twelve (12) months of previous exit, which shall not include the re-/entries defined below. The rate or the number allowed shall be based on historical data. CD, at its sole discretion, may adjust this rate or number based on mitigating factors. The contract shall set forth that after the rate is exceeded, the contractor shall not be paid for cases exceeding the allowable number of reentries set forth in the contract or shall be assessed a penalty after the rate is exceeded. If a penalty is assessed, the penalty shall be based on a methodology set forth in **13 CSR 35-35.100** and the

contract.

(I) The reentry into care will count as an active case and the contractor will be paid for the case when CD is able to determine that the contractor did not have an opportunity to serve the case or the court terminated jurisdiction and there is clear and convincing documentation to support the contractor was against the release of the jurisdiction. In the event the contractor is serving more active cases than awarded as the result of the reentry into care, they shall not be paid for such. However, cases shall not be replaced until such a time when the contractor is serving the amount of active cases awarded;

E. The monthly case rate shall be reduced to remove the foster care maintenance when the contract specifies the division shall be responsible for such; and

F. CD shall reduce the monthly case rate to reimburse the contractor for only case management services when a child meets the definition of a catastrophic case as defined in the contract and CD is providing additional funding for the child;

4. CD shall determine the number of children achieving permanency during the contract year while being served by the contractor. The contractor will be paid for the sum of the monthly differences between the number of children who are expected to achieve permanency as defined in the contract and the number of children who do achieve permanency, subject to available appropriation, as follows:

A. Contractors shall be paid the monthly amount bid and awarded for the sum of the monthly differences during the contract year as identified in paragraph (6)(B)4. above, subject to available appropriation; and

B. The incentive shall be a one- (1-)/-J time payment for the number of children who exceeded the permanency standard during the contract year as identified in paragraph (6)(B)4. above; and

5. CD reserves the right in its sole discretion to reduce the number of cases assigned in subsequent contract years with payment reduced to correspond when the contractor fails to meet the permanency standard defined in the contract. CD also reserves the right to terminate the contract. In the event the contractor fails to meet the permanency standard and the number of cases are reduced in subsequent contract years, CD may reduce the number of cases awarded as follows:

A. CD may request the return of active cases;

B. CD may not replace cases which are closed by the contractor; and

C. CD will reduce payment to correspond with the number of active cases served.

(C) For all contracts effective on or after April 1, 2022, the provisions of subsections (6)(A), (6)(B), and this subsection (6)(C) shall apply. To receive an incentive the contractor must first qualify to receive an incentive by exceeding the permanency performance goal for the region as specified in this subsection. If the contractor qualifies for an incentive by exceeding the permanency performance goal for the region, then the contractor will qualify to receive fifty percent (50%) of the incentive payment. To earn the remaining fifty percent (50%) of the incentive payment, the contractor must meet the performance goals and outcomes established pursuant to **13 CSR 35-35.100** as they are phased in, and as further provided in this subsection.

1. The CD shall establish relative weights to be given to each item in the Safety, Well-Being and Service Domains and the additional requirements of the Permanency domain as they are phased in as provided in **13 CSR 35-35.100**. The incentive payment shall be reduced as provided in paragraph (6)(C)2. of this regulation if the contractor fails to meet the performance goals established of **13 CSR 35-35.100** and the evaluation tool therein.

2. The remaining fifty percent (50%) of the incentive payment shall be calculated as follows:

A. If the contractor achieves a score of equal to or greater than one hundred percent (100%) of the weighted performance and outcome score then the contractor shall receive the full portion of the incentive payment under paragraph (6)(C)2. of this

regulation:

B. If the contractor receives a score of ninety to ninety-nine percent (90-99%) of the weighted performance and outcome score the contractor shall receive ninety percent (90%) portion of the full incentive payment under paragraph (6)(C)2. of this regulation; or

C. If the contractor receives a score of less than ninety percent (90%) or less of the weighted performance and outcome score the contractor shall not receive an incentive payment under paragraph (6)(C)2. of this regulation.

3. To calculate the performance and outcome score specified in paragraph (6)(C)2. of this regulation, the division will calculate for each contractor the percentage of the performance outcome goal for each item in each domain being scored under 13 CSR 35-35.100 that each contractor actually achieved for that item during the phase for the period. The percentage achieved for each item under each domain shall then be multiplied by the weight factor (if any) assigned to each item. The net sum of the weighted percentages will be the final score for each contractor for the period. The performance outcome goals for the period and the weights to be assigned to each item will be established by the division, in conjunction with the Research and Evaluation team and other individuals, following the procedures specified in 13 CSR 35-35.100.

4. The final scores shall be rounded up to the nearest whole number.

5. The scores for each contractor shall be published on the division's website.

(7) Changes to reimbursements for services in addition to the contracted amounts will be based upon available increased or decreased appropriations for case management purposes and will be allocated to both public and private contractors of such services. The allocation shall be made *pro rata* to the division and each contractor based upon the proportion of the total number of cases that the division and each contractor served during the period to the total number of cases of children served statewide during the period.

AUTHORITY: sections 207.020 and 660.017, RSMo [2000] 2016, section 210.112.8, RSMo Supp. [2010] 2020, and Young v. Children's Division, State of Missouri Department of Social Services, 284 S.W.3d 553 (Mo. 2009). Original rule filed Feb. 28, 2011, effective Oct. 30, 2011. Emergency amendment filed June 11, 2021, effective July 1, 2021, expires Feb. 24, 2022. Amended: Filed June 11, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Social Services, Legal Services Division Rulemaking, PO Box 1527, Jefferson City, MO 65102 1527, or by email to Rules.Comment@dss.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children's Division
Chapter 35—Alternative Care**

PROPOSED RULE

13 CSR 35-35.100 Response and Evaluation Process for Case Management of Children in Foster Care

PURPOSE: This rule implements House Bill 1414 (2020), which amended section 210.112, RSMo. The purpose of this rule is to regulate the response and evaluation process for case management services that are identified in the amended statute.

(1) Purpose and Scope.

(A) The purpose of this regulation is to implement the amendments to section 210.112, RSMo, that were enacted into law in HB 1414 of the 2020 regular session of the Missouri General Assembly. This regulation applies to case management services, whether provided by employees of the Children's Division (hereinafter the "division") or by Foster Care Case Management Contractors (FCCMs).

(B) In implementing this regulation, the safety and welfare of children shall be the paramount consideration.

(2) Definitions. For the purposes of this section the following definitions shall apply:

(A) "Accrediting body" shall refer to the Council on Accreditation of Services for Children and Families, Inc., the Joint Commission on Accreditation of Healthcare Organizations, or the Commission on Accreditation of Rehabilitation Facilities;

(B) "CFSR" shall mean the Child and Family Services Review process, standards, goals and measures established by the Administration of Children and Families of the United States Department of Health and Human Services;

(C) "CFSR OSRI" shall refer to the CFSR On Site Review Instrument utilized by the Administration of Children and Families of the United States Department of Health and Human Services;

(D) "Case management services" shall include assessments, case planning, placement services, service planning, and concurrent planning for children. These services include, but are not limited to:

1. Coordinating and facilitating the provision of services necessary to ensure the safety and well being of the child, to meet the needs of the child's parent(s) or caretaker, and to promote timely permanency;

2. Facilitation of family support team meetings;

3. Facilitation and/or supervision of visits between children and their family members;

4. Preparation of court reports;

5. Attending and participating in court hearings; and

6. Coordination of services and provisions in compliance with federal and state law, and directed by Children's Division policy and regulation;

(E) "Child" or "Children" shall mean any individual who has been placed under the supervision of the division or in the legal or physical custody of the division by judgment or order of a juvenile or family court;

(F) "Direct Service Providers" means any person or entity who is providing case management services to children and families of children who are under the jurisdiction of the juvenile court and who are either placed under the supervision of the division or placed in the legal or physical custody of the division. This applies to alternative care Children's Division Case Managers and their supervisors, and to FCCMs;

(G) "Foster Care Case Management Contractors," "FCCM," or "FCCMs" shall mean any individual or entity which has a contract with the children's division to provide case management services for children. It also shall mean any contractor or subcontractor of an FCCM which provides case management services. It does not mean individual employees of the FCCM;

(H) "Large Contractor" shall mean any FCCM which is contracted to provide case management services for one hundred (100) or more children. It shall also refer to the lead FCCM contractor and their sub contracted partner agencies;

(I) A "near fatality" means any physical injury or illness of a child caused by suspected or substantiated child abuse or neglect that, as certified by a physician, places the child in serious or critical condition;

(J) "Provider" shall mean the Children's Division and FCCM, but shall not mean individual employees of the division or FCCMs;

(K) "Response and Evaluation Team" or "the R&E Team" shall refer to the Response and Evaluation Team established pursuant to 210.112.3, RSMo;

(L) "Sentinel events" shall mean any critical incident as described in 13 CSR 35 71.070, any unusual event as described in 13 CSR 35 73.050 and

1. A child fatality or near fatality;

2. An incident that causes serious emotional harm or serious bodily injury to a child. For purposes of this regulation a serious emotional or physical injury occurs when it is medically reasonable or necessary for a child to obtain professional medical intervention as a result of something that happens to the child while placed with the individual or organization;

3. A child elopes from his or her placement;

4. A fire in a location routinely occupied by children, which requires the fire department to be called;

5. A report of child physical abuse, emotional abuse, sexual abuse, or neglect pertaining to a child; and

6. Whenever a child attempts to harm him/herself or others, including suicide attempts;

(M) The term "serious bodily injury" means bodily injury which involves substantial risk of death, extreme physical pain, protracted and obvious disfigurement, or protracted loss or impairment of the function of a bodily member, organ, or mental faculty; and

(N) Children with "Special Needs" shall include children who have physical, behavioral, or mental health conditions that require specialized care.

(3) Evaluation Tool and Metrics.

(A) The division shall establish and implement a uniform evaluation tool, metrics, and performance outcome goals for providers to evaluate the quality of case management services. Performance outcome goals, but not metrics, may be adjusted regionally to account for regional differences in the availability of services, provided that the same performance outcome goals apply to all providers in the same region; provided that the performance outcome goals that apply to the division shall be adjusted to take into consideration the factors set forth in subsection (3)(F). The division shall establish the tool in conjunction with the R&E Team and other appropriate individuals. The division may establish and implement the evaluation tool in phases as described elsewhere in this regulation. The evaluation tool may draw from the following sources of data and information:

1. Data contained in the information system of the division, including Family and Children Electronic System (FACES);
2. Data from surveys;
3. Detailed case reviews of individual cases of children as described below;
4. Data and information from federal CSFR reviews;
5. External audits and program reviews;
6. Reports from an accrediting body; and
7. Other sources of information as may be necessary.

(B) The division will publish the proposed tool for Phase I on its website by April 1, 2022, and solicit comments from providers, stakeholders, and the public. Providers may recommend alternative metrics based on the best interests of the child. In making such recommendations the providers shall explain, in writing, how the alternative metrics are in the best interests of the child and promote the safety and welfare of children. The division and the R&E Team will review the comments, and the R&E Team will submit recommendations based upon the comments within thirty (30) days of receipt of the comments. The division will consider the public comments and recommendations of the R&E Team and publish final evaluation tools and metrics for Phase I on or before July 31, 2022. The final, Phase I evaluation tools, metrics and performance outcome goals shall be implemented by and applicable to all effective October 1, 2022.

(C) The evaluation tool shall include selected metrics and perfor-

mance outcome goals from the CFSR and the CFSR OSRI.

(D) By October 1, 2022, the division, in conjunction with the R&E Team and following the procedures set forth in subsection (3)(B), shall implement and all providers are required to utilize and implement a uniform, standardized stakeholder feedback tool. This tool will collect data from stakeholders pertaining to the quantity, quality, and effectiveness of case management services that the division and FCCMs provide.

1. The tools may be surveys and will also provide space for stakeholders to provide narrative feedback and comments.

2. Separate stakeholder feedback tools shall be designed for and provided to each of the following categories of stakeholders: children twelve (12) years of age or older, parents or legal guardians of children, foster parents or resource providers, juvenile officers, and judges of juvenile and family courts.

3. Stakeholder feedback tools shall be submitted on the following schedule:

A. Children twelve (12) years of age or older: annually and at the conclusion of the time the child is in care;

B. Foster parents and resource parents annually;

C. Parents or legal guardians of children in care, annually;

D. Juvenile officers, annually; and

E. Judges of the juvenile and/or family courts who preside over proceedings under Chapter 211, RSMo annually.

(E) The evaluation tool for providers shall include metrics and performance outcome goals for the following domains listed below. The division may implement these in phases, but it shall implement at least one metric and performance outcome goals for each domain in Phase I no later than October 1, 2022; implement additional metrics and performance goals in Phase II no later than October 1, 2023; and implement all remaining metrics and performance goals in Phase III no later than October 1, 2024. The division may implement additional performance outcome goals and metrics or make amendments to any domain, performance outcome goal or metric in conjunction with the Response and Evaluation Team following the process set forth in subsection (9)(B) of this regulation as may be necessary and appropriate. Some metrics and performance outcome measures may apply to more than one (1) domain. To the maximum extent possible, the metrics and performance outcome measures shall be based upon, and preferably mirror, the federal CSFR and Program Improvement Plan (PIP) metrics, measures, and goals. The achievement of the deadlines specified in this regulation are contingent on the availability of information processing capability and the availability of funds that are necessary for implementation. The division, with the permission of the Department of Social Services, may extend the deadlines for implementation of a goal or metric if it is not technically feasible or if there are insufficient funds to implement by the deadline. The domains are

1. Safety Domain. The purpose of the Safety Domain metrics and performance outcome goals is to ensure, to the maximum extent possible, that children are kept safe from the risk of abuse and/or neglect for the duration of their experience within the child welfare system. Metrics and performance outcome goals will be developed and implemented to address the following:

A. Worker/child visits;

B. Reports of abuse and/or neglect of a child;

C. Sentinel events; and

D. Any other metrics and outcome goals that may be required by law or that the division may decide are appropriate;

2. Well Being Domain. The purpose of the Well Being Domain metrics and performance outcome goals is to ensure, to the maximum extent possible, that children receive the necessary care and services for them to grow, develop, and thrive for the duration of their experience within the child welfare system. Metrics and performance outcome goals will be developed and implemented to address the following:

A. Parent/child visits to the extent that they are not contrary to the orders of the court;

B. Healthy Child and Youth program compliance (i.e. compliance with federal Early and Periodic Screening, Diagnostic, and Treatment (EPSDT) requirements and standards). This will include timely completion of Healthy Children and Youth (HCY)/EPSDT screenings and also timely compliance with diagnosed and prescribed treatment;

C. Residential Placement of a child in a residential or institutional setting shall be in compliance with the requirements of federal and state law;

D. Education such as achievement of identified, developmentally, and age appropriate educational milestones;

E. All case managers and supervisors successfully complete training in providing trauma informed and trauma based services; and

F. Any other metrics and outcome goals that may be required by law or that the division may decide are appropriate;

3. Permanency Domain. The purpose of the Permanency Domain metrics and performance outcome goals is to ensure, to the maximum extent possible, that children achieve permanency and are discharged to a safe and appropriate placement from the care and supervision of the child welfare system in a timely manner. Metrics and performance outcome goals will be developed and implemented to address the following:

A. Worker/parent visits;

B. Re entries into foster care;

C. Timely achievement of the child's court approved permanency plan;

D. Stability of placements;

E. Provision of services to meet the needs of older youth;

F. Timely development and effective implementation of a primary and concurrent permanency plan for each child;

G. Development and implementation of a social service plan to address the reasons why the child is in care; and

H. Any other metrics and outcome goals that may be required by law or that the division may decide are appropriate; and

4. Service Domain. The purpose of the Service Domain metrics and performance outcome goals is to ensure that providers are effectively and efficiently managing the services that they are providing. Metrics and performance outcome goals will be developed and implemented to address the following:

A. Caseloads including caseloads per case manager and the number of changes in case manager that a child may experience while a child is in care;

B. Effective ratio of supervisors to supervision of case managers;

C. Timely reporting of sentinel events;

D. Cases returned to the division due to catastrophic costs or court order for case management by Foster Care Case Management agencies; and

E. Any other metrics and outcome goals that may be required by law or that the division may decide are appropriate.

(F) All metrics and performance outcome goals for the division shall be designed to take into consideration the following factors:

1. The fact that caseloads of FCCM case managers are capped; and

2. The fact that FCCMs may return cases to the division due to catastrophic costs or court order for case management.

(G) The division, in conjunction with the R&E Team, shall develop objective standards and criteria to identify cases which a provider may feel are anomalous and should not be considered in developing the case management tool. The standards and criteria shall be implemented following the process and deadlines established in subsection (3)(B) of this regulation.

(H) To calculate the performance and outcome scores, the division will calculate for each provider the percentage of the performance outcome goal for each item in each domain being scored under 13 CSR 35.35.100 that each provider actually achieved for that item during the phase for the period. The percentage achieved for each item under each domain shall then be multiplied by the weight factor (if

any) assigned to each item. The net sum of the weighted percentages will be the total score for each provider for the period. The performance outcome goals for the period and the weights to be assigned to each item will be established by the division, in conjunction with the Research and Evaluation team and other individuals, following the procedures specified in this regulation.

(4) Collection of Data.

(A) Effective October 1, 2022, the division and FCCMs shall implement policies and procedures to require their staffs to timely record all of the necessary data in the information system. Information shall be timely posted if it is posted no later than the fifteenth day of each calendar month for the preceding calendar month or sooner as may be required by policy of the division.

(B) The division and each FCCM shall develop and implement a system to track the timely and accurate recording of data in the information system by October 1, 2022; this may include implementing a system to send reminders to staff or prohibit completion of data entries when mandatory data fields are not timely completed.

(C) The division will publish a list on its website describing the specific items of data that providers will be responsible for recording and reporting. The division will publish its first list of data items on or before April 1, 2022 to be effective July 1, 2022. The division shall send a notice by e mail to all providers notifying them when a change has been made in the data points at least one (1) quarter prior to the effective date of the list to ensure that providers have notice and an opportunity to prepare.

(D) Detailed Case Reviews.

1. The division and the R&E Team will utilize the information and findings from individual case reviews from the federally required, statewide CFSR process.

2. In addition to the CFSR process, the division, in conjunction with the R&E Team, may develop and implement a detailed case review process if necessary to supplement the CFSR process and/or to ensure the quality of data that is being reported and utilized for calculating metrics and performance outcome goals and measures. The division and the R&E Team may also utilize detailed case reviews as part of the process of identifying and providing technical assistance to providers who are having difficulty meeting performance outcome goals and measures, and for other purposes as provided in the contract.

3. When a case has been selected for a detailed individual case review the provider providing case management services will be given the opportunity to propose different evaluation metrics if the case may have circumstances far beyond those which would be expected.

A. The division, in conjunction with the R&E Team and other stakeholders, shall develop and implement objective standards and criteria for identifying cases which will be evaluated on different evaluation metrics. The division shall utilize the process described in subsection (3)(B) for developing, publishing, and implementing the standards and criteria.

B. The provider shall make the request to apply different evaluation metrics in writing within ten (10) days of the date that the division identified the case for a detailed review. The request shall include:

(I) A detailed explanation for why the generally applicable criteria and metrics for conducting case reviews cannot be reasonably and appropriately applied to the case and why the case may have circumstances far beyond those that would be expected; and

(II) Explain in detail what performance measures and metrics the provider proposes that the division and the R&E Team apply to the review of the case.

C. The provider shall have the burden of proving that the case falls far beyond what is expected and what alternative metrics should be applied by clear and convincing evidence.

D. The division and/or the R&E Team shall conduct a full case review of each and every case that a provider identifies as a case

that should be evaluated using different evaluation metrics.

(E) The division will collect data and all providers will provide data on a monthly basis provided that Detailed Case Reviews will be conducted when necessary to supplement other data sources as determined by the division in conjunction with the R&E Team.

(F) Providers shall make available all data, files, records, and information pertaining to each and every case to the division and the R&E Team to perform their duties under section 210.112, RSMo, and this regulation. This includes information maintained in physical and electronic formats. Providers shall direct their staffs to provide true, complete, accurate, and timely information to the division and the R&E Team members when performing their duties under this regulation. Providers shall make their employees and subcontractors available for interviews when conducting detailed case reviews.

(G) Providers shall ensure that staff are trained and have the opportunity to enter data into the information system in a timely manner to ensure that the data retrieved from the information system is timely and accurate. Data for the preceding calendar month shall be entered into the information system no later than the fifteenth day of the following calendar month or sooner as may be required by policy of the division.

(H) The data and metrics shall be analyzed and reported in the aggregate across the whole system, and then by judicial circuit, county (or city within a county), and provider.

(5) The division and the R&E Team will develop, propose, and implement a system for reviewing and working with providers who request assistance or who show signs of performance weakness. Performance weakness shall be defined and measured with reference to the metrics and performance outcome goals as discussed in this regulation, in addition to other provisions in the contract.

(A) The division, in conjunction with the R&E Team, will identify objective, performance measures and standards based on the metrics and performance goal outcome scores as calculated in subsection (3)(H) to identify providers who are showing areas in weakness of performance. This may be done in phases so as to be consistent with the phased implementation of the evaluation tool and metrics and performance outcome goals. The division will give the public and stakeholders thirty (30) days to submit comments and suggestions. The division will consider the comments and then publish the operational performance measures and standards on the division's website consistent with the phased implementation deadlines.

(6) Data Reporting.

(A) The division, in conjunction with the R&E Team, shall develop and implement a standardized format for analyzing and reporting the data and lessons learned from the data. This will ensure that data is analyzed and reported in a consistent and comparable manner from quarter to quarter. The division will follow the procedures specified in this regulation for developing and implementing the reporting tools.

(B) All measures, metrics and performance measures, shall be designed to take into consideration the following factors:

1. The fact that case loads of FCCM case managers are capped; and
2. The fact that FCCMs may return cases to the division due to catastrophic costs or court order for case management.

(C) The division will publish the report quarterly on its website. The report for the preceding quarter shall be published on or before the last day of the end of the last month of the subsequent calendar quarter. The initial report shall be published no later than March 31, 2023, for the October 1, 2022 through December 31, 2022 quarter.

(D) In developing the standardized format for reporting, the R&E Team shall be responsible for determining how to aggregate cases for the division and large contractors; so that performance and outcomes may be compared effectively while also protecting confidentiality.

(7) Conflicts of Interest.

(A) Private Providers shall not participate in conducting detailed case reviews under this regulation when they or one (1) of their officers, employees, or subcontractors have a conflict of interest. It shall be considered a conflict of interest

1. For an officer or employee of a FCCM or private provider to conduct a case review of a case managed by the FCCM or private provider which employs them; and/or

2. For an officer or employee of a FCCM or private provider to conduct a case review of a case managed by a subcontractor of the FCCM or private provider which employs them; and

3. Where the provider or the employee of the provider has any interest in the underlying case.

(B) Division staff shall not conduct detailed case reviews of cases under this regulation arising from the circuit where the division staff member conducting the review is assigned. The division may assign special staff not affiliated with any one (1) particular circuit or region to conduct case reviews.

(C) No person shall conduct a detailed case review of a case in which he or she participated as a case manager or supervisor.

(8) All members of the R&E Team shall maintain the confidentiality of all information, documents, and data that they receive in the performance of their duties as members of the R&E Team to the same extent that the information, documents, and data is confidential in the hands of the division, its employees, and contractors. R&E Team members shall submit requests for access to information and data to the division for review.

(9) Review and Evaluation of the Evaluation Tools, metrics, and reporting format.

(A) The R&E Team shall review the evaluation tool and report format established under this section at least twice each year and submit a report to the division making any recommendations for changes in the tool. The reports shall be due each year on or before July 1 and January 1 with the first report being due July 1, 2023.

(B) The division may amend the evaluation tool, metrics, and report formats as may be necessary to ensure that information is collected and reported in an accurate, efficient, and useful way. The division will utilize the following process to amend the evaluation tool and report format:

1. The proposed amendments will be submitted to the R&E Team for review and comment. The R&E Team will have thirty (30) days to provide comments;

2. The division will then publish an announcement of the proposed amendments to all providers and to the public by an announcement on the division's website. The announcement will give providers and the public thirty (30) days to submit written comments;

3. The division may, but is not required to, hold one (1) or more public hearings to solicit comments. These public hearings may be held in person, virtually, or by telephone conference; and

4. The division will consider the comments from the R&E Team and other sources and publish the final amendments on the division's website. The amendments shall be effective on the first day of the calendar quarter following the publication of the amendment; provided however, that the effective date of the amendment shall not be less than thirty (30) days from the date of publication.

(C) Twenty four (24) months after the first publication of the tools and metrics established under this regulation the R&E Team and the division shall conduct a comprehensive review of the tools and metrics established pursuant to the process established in section 210.112, RSMo, and this regulation. The division shall publish a report on its evaluation within six (6) months of commencing the review.

AUTHORITY: sections 207.020 and 660.017, RSMo 2016, and section 210.112.8, RSMo Supp. 2020. Emergency rule filed June 11, 2021, effective July 1, 2021, expires Feb. 24, 2022. Original rule filed June 11, 2021.

PUBLIC COST: This proposed rule will cost state agencies or political subdivisions seventy one thousand six hundred eighty dollars (\$71,680) in the aggregate.

PRIVATE COST: This proposed rule will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rule with the Department of Social Services, Legal Services Division Rulemaking, PO Box 1527, Jefferson City, MO 65102 1527, or by email to Rules.Comment@dss.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**FISCAL NOTE
PUBLIC COST**

- I.** **Department Title:** Title 13—Department of Social Services
Division Title: Division 35—Children’s Division
Chapter Title: Chapter 35—Alternative Care

Rule Number and Name:	13 CSR 35-35.100 Research and Evaluation Process for Case Management of Children in Foster Care
Type of Rulemaking:	Proposed Rule

II. SUMMARY OF FISCAL IMPACT

Affected Agency or Political Subdivision	Estimated Cost of Compliance in the Aggregate
Department of Social Services Children’s Division	\$71,680

III. WORKSHEET

N/A

IV. ASSUMPTIONS

This rule establishes a methodology calculating incentive payments for Foster Care Case Management agencies. The following measures, with regard to the FACES system updates, will remain after Phase 1 (from 10/1/22 - 9/30/23): residential placement in compliance, education, trauma-informed and trauma-based services, and services to meet needs of older youth. Most of the data is already contained in FACES. These measures may require additional unknown data elements that may not be in FACES.

Assuming each of the four highlighted measures above will need at least one new data element added for tracking; these changes are estimated to create a cost of \$71,680 for the Children’s Division.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 35—Children’s Division
Chapter /50—Licensing/ 35—Alternative Care**

PROPOSED AMENDMENT

13 CSR 35-/50.010]35.140 Accreditation as Evidence for Meeting Licensing Requirements. The division is renumbering this rule and moving it to chapter 35. The division is also amending sections (1) (5), and is adding a new section (2) and (7), and is renumbering accordingly.

PURPOSE: *This proposed amendment establishes the criteria and procedures by which the Children’s Division will accept proof of accreditation as a foster home, residential care facility, or child placing agency by certain accrediting bodies as *prima facie* evidence of meeting the requirements for licensure as a foster home, residential care facility, or child placing agency in light of the amendments to section 210.112, RSMo in HB 1414 (2020).*

(1) *[The Children’s Division shall accept accreditation by Council on Accreditation of Services for Children and Families, Inc., the Joint Commission on Accreditation of Healthcare Organizations, or the Commission on Accreditation of Rehabilitation Facilities, as specified in section (2) of this rule, as *prima facie* evidence that the organization meets licensing requirements under sections 210.481 through 210.511, RSMo]* Purpose and Scope. This regulation applies to Licenses issued to individuals or organizations which are accredited by an accrediting body.

(2) Definitions. For the purpose of this regulation, the definitions set forth in section 210.481, RSMo, and the following definitions shall apply:

(A) “Accrediting body” shall mean the Council on Accreditation of Services for Children and Families, Inc., the Joint Commission on Accreditation of Healthcare Organizations, or the Commission on Accreditation of Rehabilitation Facilities;

(B) “Individual or organization” shall mean any adult person, corporation, partnership, religious denomination, religious organization, or organized group of human beings; and

(C) “*Prima facie* evidence” means evidence that will establish a fact or sustain a decision unless contradictory evidence is produced.

[(2)](3) [Type of License.] The Children’s Division shall accept accreditation by an accrediting body as *prima facie* evidence that the individual or organization meets the requirements for a license to operate a foster home, residential care facility, or child placing agency in accordance with the applicable provisions of sections 210.481 to 210.511, RSMo. The division will accept accreditation for purposes of documenting eligibility for license or relicensure. However, any individual or organization whose license is based upon accreditation must still fully comply with all of the requirements of licensure (including full compliance with all federal, state, and local health and safety codes) as if not accredited for the duration of the license to maintain the license. The safety and welfare of children served by the individual or organization shall be the paramount consideration in all licensing decisions.

[(A) The organization shall provide to the Children’s Division, sufficient evidence that they are accredited in the service or program for which they are requesting a license.]

[(B)] If a service or program, including, but not limited to, child placing, maternity, infant/toddler, residential treatment, and intensive residential treatment in residential child care, is not accredited by the accrediting body, than the organization must apply for and meet all *[other]* licensing requirements as *[put forth by the division]* for

the unaccredited program or service.

[(3)](4) Application// and Reapplication for License for Accredited Individual or Organizations/:-.

(A) The individual or organization applying for licensure as an accredited individual or organization shall present to the division/—/ with its application for licensure or relicensure all of the following:

1. A copy of the individual or organization’s official final accreditation report and accreditation certificate from the accrediting body establishing that the individual or organization is accredited in good standing for the period of time covered by the license; *[and]*

2. A list of operating sites which includes the capacity served, the gender served, and the ages served by that organization. This list *[must]* shall be updated if there is a change in operating sites by the individual or organization;

3. A copy of the accrediting body’s official standards and policies for accreditation;

4. A copy of any corrective action documents or other notices from the accrediting body regarding areas of non-compliance or required improvement or monitoring;

5. Any documentation required at initial licensure or relicensure as stated in chapters 13 CSR 35-71 (for residential treatment agencies) and 13 CSR 35-73 (for child placing agencies), including, but not limited to, agency policies, procedures, organizational charts, budgets, staff training records, and personnel records verifying compliance with background check requirements; and

6. Any and all other information and documentation that the division may determine is reasonably necessary to verify that the individual or organization is accredited in good standing and otherwise meets all of the requirements for licensure.

(B) *[If the organization has not been previously licensed by the state of Missouri, an]* The division in its discretion may conduct on site visits *[may be required by the division]* to verify compliance with licensure requirements before a license is issued/;].

(C) The division shall examine the areas that the organization is applying for a license. The division then *[shall]* may issue a corresponding license for those areas in which the organization is accredited. The license shall be valid for the period of time up to two (2) years *(or such other time as may be specifically authorized or required by statute)*, or when the organization’s accreditation expires, whichever is shorter/;].

(D) *[Nothing in this section will result in the loss of license if the accreditation certificate has expired, but]* If the individual or organization’s accreditation expires during the term of the license, the division may issue a provisional license pursuant to section 210.486, RSMo for a period of time not to exceed six (6) months upon the individual or organization showing that

1. *[It]*The individual or organization is still in good standing *[and]* with the accrediting body, the re accreditation process is being diligently pursued, and accreditation is expected within six (6) months of the date the accreditation expired. The division may, at its discretion, request a letter of good standing from the accrediting body; *[and]*

2. The individual or organization otherwise demonstrates the potential capacity to meet full requirements for licensure; and

3. The division director is satisfied that the operation of the foster home, residential care facility, or child placing agency provisionally licensed is not detrimental to the health and safety of the children being served.

(E) *[Any denial or revocation of license based upon an organization’s accreditation standing is entitled to a hearing as specified under the licensing rules or they may undergo the licensing process and meet all licensing rules in order to obtain a license.]* The division may deny the issuance of a license

to, or may suspend or revoke the license of, any individual or organization which fails to provide information that the division may require to establish eligibility for licensure.

(F) The individual or organization seeking licensure under this section shall have the responsibility to apply for accreditation and/or re-accreditation in a timely manner to ensure compliance with all deadlines set out in this section and other applicable laws.

[(4)](5) Information Sharing.

(A) The individual or organization shall notify the division immediately of any sentinel event, any critical incident as required in 13 CSR 35-71.070, any unusual event as required in 13 CSR 35-73.050, and of any suspension, limitation, including but not limited to required corrective action or monitoring, or revocation of accreditation. The procedures and requirements for reporting shall be the same for non-accredited, licensed individuals, and organizations as provided in chapters 13 CSR 35-71 and 13 CSR 35-73.

(B) Sentinel events are *[as defined by the accrediting body]* those events which the accrediting body requires the individual or organization to report to the accrediting body as a condition of accreditation, but shall at a minimum include the following:

1. A death of a child in one (1) of the individual's or organization's facilities; *[or]*

2. A serious emotional or physical injury of a child in one of the individual's or organization's facilities. For purposes of this regulation, a serious emotional or physical injury occurs when it is medically reasonable or necessary for a child to obtain professional medical intervention as a result of something that happens to the child while placed with the individual or organization; *[or]*

3. A child elopes from the individual's or organization's facility;

[(3)]4. A fire in a location routinely occupied by children, which requires the fire department to be called; *[or]*

[(4)]5. An allegation or report of *[child]* physical abuse, *[physical or]* sexual abuse, emotional abuse, or neglect of a child pertaining to the individual or organization, or an employee, contractor, subcontractor, volunteer, or officer of the individual or organization *[which is substantiated by the division or through an internal investigation by the organization which occurs within a facility]*; *[or]*

[(5)]6. An employee is terminated from employment in relation to the safety and care of children; *[or]*

[(6)]7. There is any change in the chief executive officer; *[or]*

[(7)]8. There is a lawsuit filed against the individual or organization by or on behalf of a person who is or was in the individual's or organization's care; *[or]*

[(8)]9. Any known criminal charges are filed against the individual, facility, organization, any resident of the facility, or any employee or volunteer of the individual or organization who has contact with children<./>; *[or]*

10. When the individual or organization is not in compliance with any of the criteria for accreditation, including maintaining the required level of services and staffing levels, for more than three (3) consecutive days; or

11. Whenever a child attempts to harm him/herself or others, including suicide attempts.

(C) The individual or organization shall notify the division of the entrance, exit, and any performance review meetings of the accrediting body which are held in conjunction with the accreditation of the organization. The division has a right to attend any or all of these meetings between the organization and the accrediting body.

[(5)](6) The division may make such inspections and investigations as it deems necessary to *[conduct an initial visit to a facility not previously licensed]* ensure that the individual or organization continues to meet the requirements of licensure, for investigative purposes involving *[complaints]* reports of alleged child abuse or

neglect, *[at reasonable hours]* and to address a complaint concerning the health and safety of children which the individual or organization serves<./>, or any other mutually agreed upon time].

(7) Any individual or organization who is aggrieved by a decision of the division to deny, revoke, or suspend a license based upon an organization's accreditation standing under this section may either

(A) Seek administrative review following the procedures set forth in 13 CSR 35-71.030 for residential treatment agencies or 13 CSR 35-73.017 for child placing agencies; or

(B) Apply for licensure as an unaccredited individual or organization.

AUTHORITY: sections 207.020, 210.506, and 660.017, RSMo 2016, and section 210.112.8, RSMo Supp. [2004] 2020. Emergency rule filed Dec. 23, 2004, effective Jan. 2, 2005, expired June 30, 2005. Original rule filed Dec. 23, 2004, effective June 30, 2005. Emergency amendment filed June 11, 2021, effective July 1, 2021, expires Feb. 24, 2022. Amended: Filed June 11, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Social Services, Legal Services Division Rulemaking, PO Box 1527, Jefferson City, MO 65102 1527, or by email to Rules.Comment@dss.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

Title 19—DEPARTMENT OF HEALTH AND SENIOR SERVICES

Division 20—Division of Community and Public Health

Chapter 1—Food Protection

PROPOSED AMENDMENT

19 CSR 20-1.030 *[Sanitation and Production Standards for Frozen Dessert/s] License.* The Department of Health and Senior Services is amending the rule title, deleting sections (1) through (36), and adding new sections (1) through (7).

PURPOSE: This amendment describes the application process and requirements for acquiring a frozen dessert license.

[(1)]The following definitions shall apply in the interpretation and enforcement of this rule:

(A) A frozen dessert shall mean a frozen product made from any of the following: milk solids or other milk products, water, organic acids, natural or artificial flavoring, sweetening agents, and harmless coloring together with any safe or suitable functional ingredient. Frozen desserts shall include ice cream, frozen custard, ice milk, sherbet, water ice, mousse or any other frozen product intended to be eaten in its frozen state, but which in its unfrozen, but otherwise edible state, is recognized by a common or usual name for a non-standardized food. Any of these frozen products which are prepared for special dietary use are also included as a frozen dessert;

(B) The term mix shall mean the unfrozen combination of all ingredients of a frozen dessert with or without fruits, fruit

juices, candy, nut meats, flavor or harmless color;

(C) *The terms pasteurization and pasteurized shall refer to the process of heating in approved and properly operated equipment every particle of mix to one (1) of the following minimum temperatures and holding at this temperature continuously for the specified time: one hundred fifty-five degrees Fahrenheit (155 F) and holding at that temperature for at least thirty (30) minutes; or one hundred seventy-five degrees Fahrenheit (175 F) and holding at that temperature for at least twenty-five (25) seconds; or any other method or process demonstrated to be equally efficient and approved by the Missouri Department of Health;*

(D) *A frozen dessert processor is any person who freezes any pasteurized mix into semi-solid or solid form for retail distribution or sale as a frozen dessert;*

(E) *A frozen dessert distributor is any person who offers for sale or sells to another any frozen dessert or mix for human consumption;*

(F) *A frozen dessert plant is any place or premises where frozen desserts or mixes are processed, pasteurized, frozen or packaged for distribution or sale;*

(G) *An official laboratory is a biological, chemical or physical laboratory which is under the direct supervision of the state or local health authority and which has been approved by the appropriate state laboratory agency;*

(H) *Health authority shall mean the director of the Department of Health or his/her designated representative;*

(I) *The word person shall mean an individual, partnership, corporation, company, firm, trustee, cooperative or association;*

(J) *Adulterated shall mean the condition of a frozen dessert when it contains any poisonous or harmful substance in a quantity which may render it injurious to health; when it contains any added poisonous or harmful substance for which no safe tolerance has been established by regulation or in excess of that tolerance if one has been established; when it consists in whole or in part of any substance unfit for human consumption; when it has been processed, prepared, packaged or held under unsanitary conditions whereby it may have been rendered injurious to health; when its container is composed in whole or in part of any toxic or harmful substance which may render the contents injurious to health or when it contains any substance that does not conform with section 196.856, RSMo (1986) or this rule;*

(K) *Misbranded shall mean the presence of any false or misleading written, printed or graphic matter upon a container of frozen dessert or accompanying a frozen dessert or any label which violates any applicable federal, state or local labeling laws or regulations; and*

(L) *Confectionary shall mean candy, cakes, cookies and glazed fruits.*

(2) *All frozen dessert processors and frozen dessert plants shall be inspected at least annually to determine eligibility for license. The inspection procedure for renewal of license shall be the same as that for initial licensing.*

(3) *Raw milk and raw milk products used in the manufacture of frozen desserts shall meet at least the minimum requirements as defined in the Missouri Department of Agriculture Farm Certification Regulations.*

(4) *No ingredients shall be used in processing frozen desserts which are adulterated within the meaning of section 196.070, RSMo (1986).*

(5) *At irregular intervals during any six (6)-month period at least four (4) samples of frozen desserts or pasteurized mix*

shall be taken and examined by an official laboratory designated by the Missouri Department of Health or its authorized representative. Pasteurized mix and frozen desserts shall not exceed fifty thousand (50,000) standard plate count or ten (10) coliform per gram in three (3) out of the last five (5) consecutive samples taken by the health authority.

(6) *The floors of all rooms in which frozen desserts or frozen dessert mix or the ingredients for them are processed or frozen or in which containers and utensils are washed shall be constructed of concrete or other equally impervious and easily cleaned material; and shall be smooth, properly drained, provided with trap drains and kept clean and in good repair. Cold storage rooms used for storing frozen desserts, milk, cream, milk products, frozen fruits, frozen eggs and comparable ingredients need not be provided with floor drains, but the floors shall be sloped to drain to one (1) or more exits and shall be kept clean. Dry storage rooms need not to be drained and tight wood-floor construction is optional.*

(7) *Walls and ceilings of rooms in which frozen dessert mix, frozen desserts or ingredients for them are processed or frozen or in which containers or utensils are washed shall have a smooth, washable, light-colored surface and shall be kept clean and in good repair.*

(8) *Effective means shall be provided to prevent flies and rodents from entering a frozen dessert plant. All doors shall be self-closing.*

(9) *All rooms shall be well lighted and ventilated. All exposed working surfaces shall have at least twenty (20) footcandles of light as measured by a light meter. Dry storage and cold storage rooms shall have at least ten (10) footcandles of light at a distance of thirty inches (30") from the floor.*

(10) *The pasteurization, processing, cooling, freezing and packaging operations must be separated by solid partitions from other plant operations. Unless prohibited by existing construction, plants receiving milk products or frozen dessert mix in bulk transport tanks shall provide a room for receiving, cleaning and sanitizing transport tanks. Unless all milk products and mix are received in bulk transport tanks, a receiving room that is separate from rooms already listed in this section of this rule shall be required. Rooms in which milk products, frozen dessert ingredients or frozen desserts are handled, processed, sorted or packaged or in which product-contact containers, utensils and equipment are washed or stored shall not open directly into any room used for domestic purposes. All milk, milk products, mix or frozen desserts that have overflowed, leaked or been spilled shall be discarded.*

(11) *Every frozen dessert plant shall have conveniently located toilet facilities. Toilet rooms shall not open directly into any room in which milk products, frozen desserts or frozen dessert ingredients are processed or packaged. Toilet rooms shall be completely enclosed and shall have tight-fitting self-closing doors. Dressing rooms and toilet rooms shall be kept clean, in good repair and well ventilated.*

(12) *The water supply shall be easily accessible, adequate and of a safe and sanitary quality.*

(13) *Convenient handwashing facilities shall be provided, including hot and cold or warm running water, soap and individual sanitary towels or other approved hand-drying devices.*

Handwashing facilities shall be kept in a clean condition and in good repair.

(14) All piping and fittings used to conduct milk, cream, milk products, mix or frozen desserts shall be of sanitary design and construction. Mix, frozen desserts, fluid milk products and ingredients shall be conducted from one (1) piece of equipment to another only by sanitary piping and fittings.

(15) All multiuse containers, utensils and equipment which come in contact with mix, frozen desserts, milk, cream and milk products and other ingredients shall be smooth, impervious, noncorrodible, nontoxic, relatively low-absorbent material. Equipment shall be designed and installed so it is easily cleaned and shall be kept in good repair. All single-service containers, closures, gaskets and other articles shall be manufactured, packaged, transported and handled in a sanitary manner.

(16) All waste shall be disposed of in a sanitary manner. All plumbing and appurtenances to plumbing shall be so designed and installed in a manner that prevents the contamination of mix or frozen desserts or any ingredient, utensil, container or equipment by drip, condensation or backflow.

(17) All multiflow utensils, containers and equipment shall be thoroughly cleaned before each use. All product-contact surfaces of utensils, containers and equipment shall be subjected effectively to an approved bactericidal process immediately prior to use. Multiuse containers used for the transportation of mix shall be thoroughly rinsed immediately after emptying. Cleaning in place shall be used only on equipment and pipeline systems that are designed and engineered for that purpose. Installation and cleaning procedures shall be in accordance with Standard 605-04 of the 3-A Accepted Practices formulated by the International Association of Milk, Food and Environmental Sanitations, United States Public Health Service and the Daily Industry Committee.

(18) After cleaning, all multiuse utensils, containers and equipment shall be stored to drain dry in a manner so they will not be contaminated before usage.

(19) Caps; parchment paper; wrappers; liners; gaskets and single-service sticks, spoons, covers and containers for frozen dessert mix or frozen desserts or their ingredients shall be purchased and stored in sanitary tubes, wrappings or cartons. All of these shall be kept in a clean, dry place until used and shall be handled in a sanitary manner.

(20) Between bactericidal treatment and usage and during usage, containers and equipment shall be handled or operated in a manner that prevents contamination of mix, frozen desserts or their ingredients. Pasteurized milk and frozen desserts shall not be permitted to come into contact with equipment with which unpasteurized mix, milk, cream or milk products have been in contact unless the equipment has been thoroughly cleaned and effectively subjected to an approved bactericidal process.

(21) All frozen desserts which are made from liquid dairy and egg products must be pasteurized after formulation; flavoring ingredients and the reconstituted liquid mixes prepared from dry powder mixes are exempt from the pasteurization requirement. All milk and egg products used in dry mixes shall have been subjected to a pasteurization process. The design and operation of all pasteurization equipment and all

appurtenances of that equipment shall comply with applicable specifications and operational procedures as outlined by the most recent recommendations of the federal Food and Drug Administration (FDA).

(22) All milk, cream and milk products in fluid form received at a frozen dessert plant for use in frozen dessert mix shall immediately be cooled to a temperature of forty-five degrees Fahrenheit (45 F) or less and maintained at that temperature until pasteurized and all pasteurized mix shall be cooled immediately in approved equipment to a temperature of forty-five degrees Fahrenheit (45 F) or less and shall be maintained at that temperature until frozen.

(23) A manufacturer of frozen desserts must comply with the following manufacturing practices:

(A) Powder or dry frozen dessert mixes intended for reconstitution with water and which contain no milk or other fluid dairy product ingredients but contain egg ingredients, dry whey, reduced mineral whey, whey protein concentrate or whey reduced in lactose or caseinates are exempt from the pasteurization requirement of section (21) of this rule. Any of these ingredients used in the formulation of powder or dry frozen dessert mixes shall have been pasteurized;

(B) Powder or dry frozen dessert mixes shall contain no ingredients except those which are generally recognized as safe by the federal FDA;

(C) Water ices are exempt from the pasteurization requirements of section (21) of this rule; and

(D) All frozen dessert manufacturers shall apply for a license from the Department of Health prior to the manufacture or sale and distribution of their products in the state. Volume of powder or dry frozen dessert mixes required on the application shall be reported as gallons of mix after reconstitution. The application shall also include the name under which the frozen dessert is to be advertised or offered for sale; a list of the ingredients, including optional ingredients, with percentages in the product; method of preparation; and any other relevant information.

(24) Packaging, cutting, molding and other preparations of mix or frozen desserts or their ingredients shall be done in a sanitary manner.

(25) After delivery, mix or frozen desserts in broken or open containers may be returned to the plant for inspection but shall not be sold or used for making mix or frozen desserts.

(26) Product drip or overflow or spilled mix or frozen desserts or their ingredients shall not be sold for human consumption.

(27) No person, while affected with any disease in communicable form or while a carrier of that disease, or while affected with boils, infected wounds, sores or an acute respiratory infection, shall engage in pasteurization handling of ingredients, filling, packaging or freezing operation or in any capacity in which there is a likelihood that this person will contaminate mix, frozen desserts or mix and frozen dessert-contact surfaces with pathogenic organisms or transmit disease to other individuals. No person known or suspected of being affected with any disease or condition shall be employed in such a capacity.

(28) All persons who come in contact with milk, cream, milk products, mix, frozen desserts, containers or equipment shall wear clean outer garments and head coverings and shall keep their hands clean at all times while engaged in that

work.

(29) All vehicles used for the transportation of mix, frozen desserts, cream, milk and milk products shall be constructed and operated so as to protect their contents from sun and contamination. These vehicles shall be kept clean and no substance capable of contaminating mix, frozen desserts, cream, milk and milk products shall be transported in the vehicles. Any such vehicle shall have the name of the distributor prominently displayed on it. Transport tanks used for transporting mix, cream, milk and milk products shall comply with the construction, cleaning, bactericidal treatment storage and handling requirements of this rule. Each shipment shall be sealed and labeled in an approved manner.

(30) Surroundings of frozen dessert processors and plants shall be kept clean, neat and free from conditions which might attract or harbor flies or other insects and rodents or which might otherwise constitute a nuisance.

(31) Lubricants, such as orange oil or petroleum jelly, which are applied to filling machine pistons and cylinders, pumps and valves, shall be sterile and shall be applied in a sanitary manner.

(32) No person shall transfer frozen desserts from one container to another on the street, in any vehicle or store, or in any other place except under sanitary conditions as permitted by the health authority.

(33) Frozen desserts from points beyond the limits of routine inspection of the health authority may be sold in the state if they are processed and pasteurized under provisions which are substantially equivalent to the requirements of this rule as determined by the health authority.

(34) All frozen dessert plants which are constructed, reconstructed or extensively altered after the effective date of this rule shall conform to construction requirements of this rule. Properly prepared plans for all frozen dessert plants which are constructed, reconstructed or extensively altered after October 11, 1980 shall be submitted to the health authority for approval before work is begun. Signed approval shall be obtained from the health authority.

(35) Notice shall be sent to the health authority immediately by any frozen dessert processor or distributor when any employee has any infectious, contagious or communicable disease.

(36) Whenever reasonable cause exists to suspect the possibility of transmission of infection from any person concerned with the handling of milk, milk products, frozen desserts, frozen dessert ingredients or frozen dessert mix, the health authority is authorized to require the immediate exclusion of that person from product handling. In addition, the health authority can require the immediate exclusion of the products concerned from distribution and require adequate medical and bacteriological examination of the person and of his/her associates and of his/her and their body discharges.]

(1) **Applicability.** This rule applies to food establishments, food processing plants, and brokers manufacturing and/or distributing frozen dessert products.

(2) **Definitions.** The following definitions shall apply in the interpretation and application of this rule and shall have the meaning

stated below:

(A) "Administrative authority" shall mean the department, local public health agency (LPHA), and/or U.S. Food and Drug Administration that has authority to govern food establishments and/or food processing plants;

(B) "Broker" shall mean any person operating a food processing plant located outside of Missouri that manufacturers and/or distributes frozen dessert products into Missouri;

(C) "Department" shall mean the Missouri Department of Health and Senior Services;

(D) "Food establishment" shall be defined as specified in 19 CSR 20-1.025;

(E) "Food processing plant" shall be defined as specified in 19 CSR 20-1.025;

(F) "Frozen dessert" shall mean ice cream, ice cream mix, ice milk, sherbet, frozen malt, ice milk mix, mellorine, edible fat frozen dessert, or ices that meet the definition of a potentially hazardous food as defined in 19 CSR 20-1.025; and

(G) "Person" shall mean an individual, partnership, corporation, organization, and association.

(3) Responsibilities. The person shall

(A) Allow the administrative authority access to the premises during normal hours of operation for the purposes of conducting health and sanitation inspections;

(B) Allow the administrative authority to collect water, food, and environmental samples as needed;

(C) In the event of a suspected communicable disease outbreak, implement health and sanitation control measures as required by the department and/or Local Public Health Agency (LPHA); and

(D) In the event food products are deemed adulterated or misbranded, implement health and sanitation control measures as required by the department.

(4) General Criteria.

(A) Food establishments shall

1. Be in compliance with sanitation requirements specified in 19 CSR 20-1.025 or local food ordinance; and

2. Clean and maintain frozen dessert equipment in accordance with manufacturer's specifications.

(B) Food processing plants shall

1. Be in compliance with sanitation requirements specified in 19 CSR 20-1.040; and

2. Be in compliance with labeling requirements specified in 19 CSR 20-1.045.

(C) Brokers shall

1. Be in compliance with equivalent local sanitation requirements; and/or

2. Be in compliance with sanitation requirements specified in 21 CFR Part 117; and

3. Be in compliance with labeling requirements specified in 21 CFR Part 101.

(5) Application Requirements for Initial Frozen Dessert License.

(A) Prior to the issuance of a license, an applicant shall complete and submit an application packet to the department. The department may require additional information when deemed necessary to assure compliance with the requirements of this rule. The application packet shall include:

1. A completed Application for Frozen Dessert License form (which can be requested by contacting the department);

2. A nonrefundable licensing fee of ten dollars (\$10);

3. Certificate of No Tax Due as required in section 144.083, RSMo; and

4. A copy of the most current sanitation inspection report from the administrative authority.

(B) Private homes, hospitals, churches, or fraternal organization manufacturing frozen dessert products for their own use or food establishments serving and/or selling ice cream or frozen dessert products received in its final frozen form from a licensed manufacturer shall not be required to obtain a frozen dessert license.

(6) Procedure for Issuance or Denial of Frozen Dessert License.

(A) The applicant shall be notified in writing or electronic mail (email), by the department, when the application is approved, incomplete, or denied.

1. If the application is approved, the notice shall specify the application is approved and a frozen dessert license shall be issued.

2. If the application is incomplete, the notice shall specify the necessary information or documentation required to complete the application.

A. The applicant shall submit the requested information and/or documentation to the department within thirty (30) calendar days from the issuance date of the notice.

B. Failure to submit the requested information within the thirty (30) calendar days may result in the department denying the application.

3. If the application is denied, the notice shall specify the reason(s) for the denial.

(B) The applicant shall be denied a frozen dessert license for any one (1) or any combination of the following:

1. Failure to submit a complete application;
2. False or misleading statement(s) on the application; or
3. Failure to comply with the applicable requirements specified in sections (3) and (4) of this rule.

(C) If the applicant is aggrieved by a determination to deny licensure, the applicant may appeal the department's decision to the Administrative Hearing Commission as provided by section 621.045, RSMo.

(7) License Renewal.

(A) A frozen dessert license shall be valid for one (1) year.

(B) Prior to the issuance of a renewal license, within sixty (60) calendar days but no later than thirty (30) calendar days prior to the expiration of the current license, a licensee shall complete and submit an application packet to the department. The department may require additional information when deemed necessary to assure compliance with the requirements of this rule. The application packet shall include:

1. A completed Application for Frozen Dessert License form (which can be requested by contacting the department);
2. A nonrefundable licensing fee as specified in section 196.866, RSMo;
3. Certificate of No Tax Due as required in section 144.083, RSMo; and
4. A copy of the most current sanitation inspection report from the administrative authority.

AUTHORITY: section 196.872, RSMo [1986] 2016. This rule was previously filed as 13 CSR 50 63.010. Original rule filed June 27, 1980, effective Oct. 11, 1980. Amended: Filed June 27, 1983, effective Nov. 11, 1983. Amended: Filed May 2, 1986, effective July 26, 1986. Amended: Filed June 2, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in

support of or in opposition to this proposed amendment with the Missouri Department of Health and Senior Services, Division of Community and Public Health, Adam Crumbliss, Division Director, PO Box 570, Jefferson City, MO 65102 0570. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

Title 19—DEPARTMENT OF HEALTH AND SENIOR SERVICES

Division 30—Division of Regulation and Licensure
Chapter 84—Training Program for Nursing Assistants

PROPOSED AMENDMENT

19 CSR 30-84.010 /Nurse/ Nursing Assistant Training Program. The department is amending the title of this rule; amending sections (1) (6) and (13); adding sections (7), (8), (10), and (14) (16); amending sections formerly numbered (7) (11); renumbering sections as needed; adding two forms; and adding an application.

PURPOSE: This amendment updates and adds requirements for the basic course curricula content and adds requirements for update training for instructors. Clarifies student requirements and who is eligible to challenge the final examination. Clarifies requirements for employees of a long term care facility. Updates instructor/clinical supervisor/student ratios. Adds requirements for a RN Instructor Trainer. Revises requirements to allow for a department approved third party proctor to administer the final examination test. Updates and adds requirements for training and certifying agencies. Clarifies and adds requirements for instructors and clinical supervisors. Updates definitions, removes redundancy, outdated language, and makes grammatical changes.

(1) Definitions. For the purpose of this rule, the following definitions shall apply:

(A) Association means the Missouri Health Care Association, the Missouri Association of Nursing Home Administrators, Leading Age Missouri, or Missouri Hospital Association;

(B) Basic course *[shall]* means the seventy five (75) hours of *[classroom]* instructional training, the one hundred (100) hours of *supervised* on the job *[supervised]* training, and the final examination of the *[approved Nurse]* nursing *[A]ssistant* *[T]raining course./;*

(C) Certifying agency *[shall]* means an *[long-term care (LTC)]* association *[or other entity]*, Career Center school, comprehensive high school, community college, or four- (4-) year institution of higher learning approved by the *[division under subsection (11)(B) to issue certificates to nursing assistants.]* department;

(D) Challenge the final examination *[shall]* means taking the final examination of the basic course without taking the entire basic course./;

(E) Department means the Missouri *[Division of Aging.]* Department of Health and Senior Services;

(F) Long-term care association shall mean the Missouri Health Care Association, the Missouri Association of Homes for the Aged, the League of Nursing Home Administrators or the Missouri Assisted Living Association.]

(G) Training agency shall mean the organization which sponsors the approved training program. An approved training agency is approved by the Division of Aging under section (7) of this rule.] Missouri Veterans' Home means any facilities

established and maintained as a Missouri Veterans' Home as defined in section 42.002, RSMo;

(H) *[Program shall mean the Nurse Assistance Training Program as required by the Omnibus Nursing Home Act and section 198.082, RSMo 1994.]* Nursing Assistant Clinical Supervisor Workshop means the training course approved by the department and conducted by a certifying agency to prepare clinical supervisors to learn the methodology of teaching the supervised on-the-job training component of the nursing assistant training program;

(I) Nursing Assistant Instructor Workshop means a training course approved by the department and conducted by a certifying agency to prepare instructors to learn the methodology of teaching the nursing assistant training program;

(J) Program means the nursing assistant training program as required by section 198.082, RSMo;

(K) Registered Nurse Instructor Trainer means a registered nurse (RN) approved by a certifying agency to teach the Nursing Assistant Instructor Workshop and the Nursing Assistant Clinical Supervisor Workshop to prepare instructors and clinical supervisors to teach the nursing assistant training program; and

(L) Training agency means an organization approved by the department which sponsors the approved nursing assistant training program.

(2) The purpose of the *[Nurse Assistant Training P]*program shall be to prepare individuals for employment *[in a LTC facility] as a certified nursing assistant (CNA)*. The program shall be designed to teach skills in resident care which will qualify *[students]* individuals to perform uncomplicated nursing procedures and to assist licensed practical nurses (LPNs) or *[registered professional nurses]* RNs in direct resident care.

(3) All aspects of the *[Nurse Assistant Training P]*program included in this rule (that is, qualified instructor, clinical supervisor, *[examiner, approved]* course curriculum, *[approved]* training agency, certifying agency, supervised on the job training, testing, and student qualifications) shall be met in order for a program to be considered as approved.

(4) **Basic Course Requirements.** The program shall consist of a basic course *[consisting of all that includes, at a minimum of]*, the following:

(A) *[Seventy five (75) [classroom] hours of instructional training [on basic nursing skills, fire safety and disaster training, resident safety and rights, social and psychological problems of residents, and the methods of handling and caring for mentally confused residents such as those with Alzheimer's disease and related disorders] in the curricula identified in section (5) of this rule;*

(B) *[One hundred (100) hours of supervised on the job training (clinical practice) in an approved laboratory or other setting in which the student demonstrates knowledge while performing tasks on an individual under the supervision of a LPN or RN; and*

(C) *[A final examination; and, following the basic course, continuing in-service training as provided for in 13 CSR 15-14.042(19) through (24).]*

(5) Curricula Content.

(A) Until August 31, 2021, a training agency identified in paragraphs (9)(A)1., (9)(A)2., and (9)(A)6. of this rule, shall teach the basic course and utilize either the content outlined in paragraphs (5)(A)1. and 2. or (5)(B)1. and 2. This basic course includes the following:

[(5)]1. Curriculum content of the program shall include procedures and instructions on basic nursing skills in the following areas: basic hygiene techniques; bedmaking; personal care of residents;

food service; charting; safety measures (including fire/safety and disaster preparedness/); and infection control); basic preventative and restorative care and procedures; basic observation procedures, such as weighing and measuring; communication skills; methods of handling and caring for mentally confused residents; residents' rights; ethical and legal responsibilities; death and dying, and mental health and social needs/; and

*[(A)]2. The course curriculum as outlined in the manual entitled *The Nurse Assistant in a Long Term Care Facility*, produced by the Instructional Materials Laboratory, University of Missouri Columbia, *[1987] revised November 2001*, catalogue number 50 5061 S shall be considered an approved course curriculum. Other manuals and course material may be used to supplement the curriculum. Instructors shall use the companion instructor's guide, catalogue number 50 5061 I.*

(B) An orientation module consisting of certain topics identified as such in the approved course curriculum shall be the first material covered in the course unless the course is taught in its entirety before nursing assistants have resident contact. All students must complete the nurse assistant orientation module prior to providing direct care to any resident. For those students already employed by an intermediate care or skilled nursing facility, the orientation module shall be taught at the beginning of the course and before the nursing assistant is allowed to provide direct care to residents independently.

1. The orientation module shall include, as a minimum, the following topics: handwashing, gloving and infection control; emergency procedures and Heimlich Maneuver; residents' rights; abuse and neglect reporting; safety (fire and accident); lifting; moving and ambulation; answering signal lights; bedpan, urinal, commode and toilet; preparing residents for and serving meals; feeding the helpless; bathing; dressing and grooming; mouth care; bedmaking (occupied and unoccupied); promoting residents' independence; communication and interpersonal skills.

2. Students shall complete the orientation module taught by a qualified instructor even though they may be employed in a facility that uses the approved course material for orientation as required by 13 CSR 15-14.042(20). The instructor, in that instance, may adjust the time required to cover the material or may integrate the material into the basic course content.

(C) The suggested time schedule included for each curriculum topic in the approved course cited in subsection (5)(A) may be adjusted by the instructor to meet the particular learning abilities of the students providing that the orientation module shall be taught in at least sixteen (16) hours for Medicare- or Medicaid-certified facilities. Licensed-only facilities shall provide at least twelve (12) hours of basic orientation approved by the division.

(D) The on-the-job supervised component of one hundred (100) hours shall start after the student has enrolled and started the course curriculum and shall precede the final examination.

(E) Continuing in-service education shall be offered in the intermediate care or skilled nursing facility (ICF/SNF) to nursing assistants on a regular basis following their successful completion of the basic course as required in 13 CSR 15-14.042(20) through (23).]

(B) A training agency identified in paragraphs (9)(A)3. 5. of this rule, shall teach the basic course content outlined in paragraphs (5)(B)1. and 2. by August 31, 2021, a training agency identified paragraphs (9)(A)1., (9)(A)2., and (9)(A)6. of this rule, shall transition and begin teaching the basic course content outlined in paragraphs (5)(B)1. and 2. This basic course includes the following:

1. The curriculum content shall include the required seventy-five (75) hours of instructional training and covers all of the following areas:

- A. Communication and interpersonal skills;
- B. Infection control;
- C. Safety/emergency procedures, including the Heimlich maneuver;
- D. Promoting residents' independence;
- E. Respecting residents' rights;
- F. Basic nursing skills including, but not limited to
 - (I) Taking and recording vital signs;
 - (II) Measuring and recording height and weight;
 - (III) Caring for the residents' environment;
 - (IV) Recognizing abnormal changes in body functioning and the importance of reporting such changes to a supervisor; and

(V) Caring for residents when death is imminent;

G. Personal care skills including, but not limited to

- (I) Bathing;
- (II) Grooming, including mouth care;
- (III) Dressing;
- (IV) Toileting;
- (V) Assisting with eating and hydration;
- (VI) Proper feeding techniques;
- (VII) Skin care; and
- (VIII) Transfers, positioning, and turning;

H. Mental health and social service needs including, but not limited to

- (I) Modifying nursing assistant's behavior in response to resident's behavior;
- (II) Awareness of developmental tasks associated with the aging process;
- (III) How to respond to resident behavior;
- (IV) Allowing the residents to make personal choices, providing and reinforcing other behavior consistent with the resident's dignity; and

(V) Utilizing the resident's family as a source of emotional support;

I. Care of cognitively impaired residents including, but not limited to

- (I) Techniques for addressing the unique needs and behaviors of individuals with dementia (Alzheimer's and others);
- (II) Communicating with cognitively impaired residents;
- (III) Understanding the behavior of cognitively impaired residents;
- (IV) Appropriate responses to the behavior of cognitively impaired residents; and
- (V) Methods of reducing the effects of cognitive impairments;

J. Basic restorative services including, but not limited to

- (I) Training the resident in self-care according to the resident's abilities;
- (II) The use of assistive devices in transferring, ambulation, eating, and dressing;
- (III) Maintenance of range of motion;
- (IV) Proper turning and positioning in bed and chair;
- (V) Bowel and bladder training; and
- (VI) Care and use of prosthetic and orthotic devices;

K. Residents' rights including, but not limited to

- (I) Providing privacy and maintenance of confidentiality;
- (II) Promoting the residents' right to make personal choices to accommodate their needs;
- (III) Giving assistance in resolving grievances and disputes;
- (IV) Providing needed assistance in getting to and participating in resident and family groups and other activities;

(V) Maintaining care and security of residents' personal possessions;

(VI) Promoting the residents' right to be free from abuse, mistreatment, and neglect and the need to report any instances of such treatment to appropriate facility staff; and

(VII) Avoiding the need for restraints in accordance with current professional standards; and

2. The basic course shall be taught using current published instruction material(s) that are no more than ten (10) years old. The material(s) shall include current standards of practice for nursing assistants. Other course materials that contain current standards of practice in healthcare and are no more than ten (10) years old may be used to supplement the curriculum.

(6) Student Enrollment and Qualifications.

(A) Any individual who is employable by an **intermediate care facility (ICF)// or skilled nursing facility (SNF)** to be involved in direct resident care shall be eligible to enroll in a/*n approved*/ training agency's **nursing assistant training [course] program** if

1. The individual is at least eighteen (18) years of age and employable. Employable shall mean that the individual is not listed on the */Missouri Division of Aging/ department's Employee [Disqualified] Disqualification List[; who] (EDL)* and has not been *[found guilty of, pled guilty to, been convicted of, or nolo contendere to,] convicted or entered a plea of guilty to a misdemeanor or felony charge which includes any suspended imposition of sentence, any suspended execution of sentence or any period of probation or parole in this state or any other state which if committed in Missouri would be a [C]class A or B felony [under] violation of Chapters 565, 566, or 569, *[a Class D felony under section 568.020,] RSMo [1994]* or any violation of subsection 198.070.3, RSMo *[1994]*, or section **568.020**, RSMo, unless a good cause waiver has been granted by the *[division; and who meets requirements under 13 CSR 15-14.042(32)] department*; or*

2. The individual is at least sixteen (16) years of age providing he or she is

A. Currently enrolled in a secondary school health services occupation program or a cooperative work education program of an area vocational/- technical school or comprehensive high school;

B. Placed for work experience in an ICF//, SNF, hospital, Missouri Veterans' Home, or a hospital-based nursing facility or hospital-based skilled nursing facility by that program; *[and]*

C. Not listed on the department's EDL and has not been convicted or entered a plea of guilty to a misdemeanor or felony charge which includes any suspended imposition of sentence, any suspended execution of sentence, or any period of probation or parole in this state or any other state which if committed in Missouri would be a class A or B felony violation of Chapters 565, 566, or 569, RSMo or any violation of subsection 198.070.3, RSMo, or section **568.020**, RSMo, unless a good cause waiver has been granted by the department; and

[C.]D. Under the direct supervision of */the/* an instructor or */licensed nursing staff of the facility/* clinical supervisor, or both, while completing the clinical portion of the course. *[A certified facility may not employ a student in the facility who is not certified within four (4) months of date of hire. A licensed-only facility may only employ a student in that facility for up to one (1) year from the date of hire prior to certification.]*

[(B) All full or part-time employees of an ICF/SNF who are involved with direct resident care, and hired in that capacity after January 1, 1980, shall have completed the approved Nurse Assistant Training Program or shall enroll in and begin study in the approved training program within ninety (90) days of employment, except that the following persons shall be permitted to challenge the final examination:

- 1. Persons who were enrolled in a professional (RN) or*

practical (LPN) nursing education program for at least four (4) months or who are enrolled in this program and who have successfully completed the Fundamentals of Nursing Course, including clinical hours within the last five (5) years, may challenge the final examination of the course, as this training is deemed equivalent to the required classroom hours and on-the-job training;

2. Professional nursing or practical nursing licensure candidates who have failed state licensure examinations may challenge the final examination, as their training is deemed equivalent to the required classroom hours and on-the-job training;

3. Persons from other states who are approved to work as a nurse assistance in the other states may challenge the final examination, as their training is deemed equivalent to the required classroom hours and on-the-job training;

4. Students who have completed a nursing program outside the United States and who are awaiting the licensure examination in this country shall be required to apply to the division to take the challenge examination. In addition to a completed application, the student must also include: a copy of the out of country license or certificate; a copy of the school transcript translated to English; a copy of the out of country criminal background check translated to English. Students shall be required to complete the orientation module of the course as given in subsection (5)(B) of this rule and then may challenge the final examination, as their training is deemed equivalent to the other required classroom hours and on-the-job training;

5. Persons trained in acute care sections of hospitals as nursing assistants or persons trained as psychiatric aides shall complete the orientation module with special emphasis on the geriatric residents' needs, residents' rights and orientation to the facility and shall complete the one hundred (100) hours of on-the-job training in an LTC facility or LTC unit of a hospital and then they may challenge the final examination, as their training is deemed equivalent to the other required classroom hours and on-the-job training;

6. Persons trained in an LTC unit of a hospital and who have been employed in the LTC unit of the hospital for at least twelve (12) months and who submit a letter of recommendation from the administrator or director of nursing documenting their training may challenge the final examination after completing the units on residents' rights and care of the confused resident. Such training shall be deemed equivalent to the other required classroom hours and on-the-job training; and

7. Any other persons whose background, education and training in gerontology and health occupations includes the components of the approved training curriculum may be allowed to challenge the final examination after taking those portions of the course as determined to be necessary based on evaluation of their credentials by the supervisor of health education of the Division of Aging.

(C) Those persons designated in paragraphs (6)(B)1.-7., who want to challenge the final examination shall submit a request in writing to the division enclosing any applicable documentation. The division will respond, in writing, either approving or denying the request to challenge the final examination and, if approved, the letter from the division may be presented to an approved training agency to challenge the examination or complete the course or portions of the course as required and then challenge the examination.

(D) Those persons permitted to challenge the final examination shall have made arrangements to do so within sixty (60) days of employment as a nursing assistant and shall have successfully challenged the final examination prior to or within one hundred twenty (120) days of employment. Per-

mission letters not utilized within the one hundred twenty (120)-day period shall be considered invalid and reapplication for permission to challenge shall be made to the division.

(E) Nursing assistants who are employed by a nursing service, or who are working on a private duty basis providing direct resident care shall have completed the approved basic course, shall have a current certificate from an approved certifying agency and shall be listed on the Division of Aging Certified Nurse Assistant Registry prior to functioning in an ICF/SNF.

(F) Allied health care personnel, such as emergency medical technicians, medical laboratory technicians, surgical technicians, central supply technicians and dental auxiliaries, shall not be considered qualified and shall not be allowed to challenge the final examination. Individuals, if employed by an ICF/SNF to provide direct patient care shall enroll in and successfully complete an approved program.

(G) If a student drops the course due to illness or incapacity, the student may re-enroll in a course within six (6) months and make up the course material missed without retaking the entire course upon presenting proof of attendance and materials covered in the original class.

(H) A student shall complete the entire basic course (including passing the final examination) within one (1) year of employment as a nursing assistant in an SNF/ICF, except that a nursing assistant employed by a facility certified under Title XVIII or Title XIX shall complete the course and be certified within four (4) months.

(I) A full or part-time employee of an ICF/SNF who is employed as a nursing assistant after January 1, 1989 who has not completed at least the classroom portion of the basic course shall not provide direct resident care until he or she has completed the sixteen (16)-hour orientation module and the twelve (12) hours of supervised practical orientation required in 13 CSR 15-14.042(20).

(J) All nursing assistants trained prior to January 1, 1989 who were not trained using the course curriculum referenced in subsection (5)(A) of this rule with at least seventy-five (75) hours of classroom instruction shall have attended a special four (4)-hour retraining program which used the manual entitled Long-Term Care Nurse Assistant Update produced by the Instructional Materials Laboratory, University of Missouri-Columbia, 1989, catalogue number 50-5062-1 or 50-5062-S. Any nursing assistant who did not attend this retraining program by August 31, 1989 shall no longer be considered a trained nursing assistant and all previous credentials issued by any source shall be considered invalid. To be certified as required by the provisions of this rule, a person shall successfully complete the entire Nursing Assistant Training Program.]

(B) Prior to any direct contact with a resident, a student enrolled in the basic course in a Medicare or Medicaid certified facility shall complete sixteen (16) of the required seventy-five (75) hours of instructional training in communication and interpersonal skills; infection control; safety/emergency procedures, including the Heimlich maneuver; promoting residents' independence; and respecting residents' rights.

(C) If a student drops the basic course, the student may re-enroll in a course within six (6) months and make up the course material missed without retaking the entire basic course after presenting proof of attendance and materials covered in the original class.

(D) A student shall not perform any services for which the student has not been trained nor found proficient by the instructor and/or clinical supervisor.

(E) A student who received instructional training from the basic course content outlined in paragraphs (5)(B)1. and 2. of this rule, shall register with the department approved third party

test administrator upon successful completion of the seventy-five (75) hours of instructional training and one hundred (100) hours of supervised on-the-job training.

(7) Employees of a Long-Term Care (LTC) Facility. Each CNA hired to work in an ICF or SNF after January 1, 1980, shall have successfully completed a nursing assistant training program approved by the department or shall enroll in and begin the first available approved training program which is scheduled to commence within ninety (90) days of the date of the CNAs employment and which shall be completed within four (4) months of employment.

(8) Final Examination Challenge.

(A) Individuals eligible to challenge the final examination, includes

1. Individuals who were enrolled in a RN or LPN nursing education program for at least four (4) months and successfully completed a course on the fundamentals of nursing, including clinical hours within the last five (5) years;

2. Individuals currently enrolled in a RN or LPN nursing education program and who have successfully completed a course on the fundamentals of nursing, including clinical hours;

3. RN or LPN nursing licensure candidates who have failed state licensure examinations within the last five (5) years;

4. Individuals who have met the requirements of unlicensed assistive personnel contained in 19 CSR 30-20.125;

5. Individuals trained by a hospital as nursing assistants or psychiatric aides who have completed the following:

A. One hundred (100) hours of supervised on-the-job training in an ICF, SNF, hospital, Missouri Veterans' Home, or hospital-based nursing facility or hospital-based skilled nursing facility; and

B. Instruction that covers the basic course content outlined in paragraphs (5)(B)1. and 2. of this rule;

6. Any other persons whose background, education, and training in gerontology and health occupations includes components of the basic course content outlined in paragraphs (5)(B)1. and 2. may be allowed to challenge the final examination after taking those portions of the course as determined to be necessary based on evaluation of their credentials by the Section for Long-Term Care Regulation, Health Education Unit;

7. A CNA who is listed as inactive for less than five (5) years on the Missouri Certified Nurse Assistant Registry and cannot provide the required employment documentation in accordance with section (18) of this rule; and

8. Individuals who have successfully completed a nursing program outside the United States within the last five (5) years or who have obtained a nursing license outside the United States.

(B) Individuals who are certified and active on another state's nurse aide registry shall not be required to challenge the final examination. The individual shall submit, in writing to the department, a request to be added to the Missouri Certified Nurse Assistant Registry. At a minimum, the request shall include: the individual's legal name; Social Security number; current address; telephone number; email address, if applicable; and proof of their current certified nursing assistant certificate. The department will respond in writing, either approving or denying the request to be added to the registry.

(C) Individuals identified as eligible to challenge the final examination in paragraphs (8)(A)1.-7., shall submit a request in writing to the department and enclose, at a minimum, the following information: legal name; Social Security number; current address and telephone number; email address, as applicable; and transcripts. The department will respond in writing, either approving or denying the request to challenge the final examination. If approved, the department shall provide a list of individuals eligible to take the examination to the department approved

third party test administrator.

(D) Individuals identified in paragraph (8)(A)8., shall submit a request in writing to the department to take the final examination and enclose, at a minimum, the following information: legal name; Social Security number; current address and telephone number; email address, as applicable; a copy of the out-of-country license or certificate translated to English; a copy of the school transcript translated to English; and a copy of the out-of-country criminal background check translated to English. The department will respond in writing, either approving or denying the request to challenge the final examination. If approved, the department shall provide a list of individuals eligible to take the examination to the department approved third party test administrator.

(E) Those individuals permitted to challenge shall take the final examination within one hundred twenty (120) calendar days of the department notification. Permission letters not utilized within the one hundred twenty- (120-) day period shall be considered invalid and reapplication for permission to challenge shall be made to the department.

(F) If an individual fails the final examination after one (1) attempt, he or she shall successfully complete basic course in its entirety.

/(7)(9) Training [Agencies] Agency Responsibilities.

(A) The following entities are eligible to apply to the *[division]* department to be an approved training agency:

1. *[Area vocational technical] Career Center schools and comprehensive high schools [offering] approved by the Missouri Department of Elementary and Secondary Education (DESE) that offer health service occupation programs which have a practice classroom and equipment used in delivering health care [and a]. There shall be a signed written agreement of cooperation with one (1) or more [SNFs/ICFs] ICFs, SNFs, hospitals, Missouri Veterans' Homes, or [an LTC unit of a] hospital-based nursing facilities or hospital-based skilled nursing facilities in their vicinity for the one hundred (100) hours of supervised on the job training component of the basic course;*

2. *Public [C]community [junior] colleges, public colleges and universities, proprietary schools, or private agencies approved by the Missouri Department of [Elementary and Secondary Education] Higher Education (MDHE) or accredited by a [nationally] recognized accrediting agency or association on the list published by the [s]/Secretary of the United States Department of Education, pursuant to the Higher Education Act [/(20 USC Sections 295-4(2)(D), 42 USC Section 298(b)(6))] of 1965, the Higher Education Opportunity Act 2008 (Public Law 110-315), and the Veterans' Readjustment Assistance Act [/(38 USC Section 1775(a))] which have a practice laboratory with one (1) or more bed units and equipment used in delivering health care and have a signed written agreement of cooperation with one (1) or more [SNFs/ICFs] ICFs, SNFs, hospitals, Missouri Veterans' Homes, or [LTC units of a] hospital based nursing facilities or hospital-based skilled nursing facilities in their vicinity for the one hundred (100) hours of supervised on the job training component of the basic course; [or]*

3. Associations as defined in section (1) of this rule. There shall be a signed written agreement of cooperation with an ICF, SNF, hospital, Missouri Veterans' Home, or a hospital-based nursing facility or hospital-based skilled nursing facility to provide the one hundred (100) hours of supervised on-the-job training;

13./4. A *[licensed hospital,] licensed [SNF/ICF which has designated space sufficient to accommodate the classroom teaching portion of the course, and/]* ICF, SNF, or a hospital-based nursing facility or hospital-based skilled nursing facility. There shall be a signed written agreement of cooperation with an ICF, SNF, hospital, Missouri Veterans' Home, or a hospital-based

nursing facility or hospital-based skilled nursing facility if the one hundred (100) hours of supervised on the job training is not provided on site, *has a written agreement of cooperation with an LTC unit of a hospital or SNF/ICF to provide that portion.*];

5. Licensed hospitals. There shall be a signed written agreement of cooperation with an ICF, SNE, hospital, Missouri Veterans' Home, or a hospital-based nursing facility or hospital-based skilled nursing facility if the one hundred (100) hours of supervised on-the-job training is not provided on site; or

6. Missouri Veterans' Homes. There shall be a signed written agreement of cooperation with an ICF, SNE, hospital, Missouri Veterans' Home, or a hospital-based nursing facility or hospital-based skilled nursing facility if the one hundred (100) hours of supervised on-the-job training is not provided on site.

(B) *[A school, agency, hospital or nursing facility] Organizations identified in paragraphs (9)(A)1.-6. which want/s to be approved by the [division] department to teach the [Nursing Assistant Training Program] program shall [file an application with the division giving the name(s) of the instructor(s) and clinical supervisor(s); and, if clinical training is not being done on-site, a copy of an agreement with a nursing facility for the clinical portion of the course] submit to the department form DHSS-DRL-2469 (08-20), Application for Approval as a Nursing Assistant Training Agency, included herein.*

(C) In order to be approved, the applicant shall have *[an area which will be] a designated [during training sessions as a classroom with] location which contains sufficient space, equipment, and teaching aids to [allow fifteen (15)] meet the course objectives and accommodate the maximum number of students [to be seated with room for note-taking, appropriate equipment as needed for teaching the course, approved instructors and clinical supervisors, and shall assure that] allowed. [It]The instructor and each student [has a manual for the state-approved] shall be provided with the required curricula content and instructional material(s) for the basic course identified in section (5) of this rule.*

(D) Any ICF// or SNF which has received a Class I /N/notice of /N/noncompliance related to administration and resident care from the *[division] department* in the two- (2)-/- year period prior to application for approval shall not be eligible for approval *[and]. [i]If this /N/notice is issued after approval, the approval shall be withdrawn by the [division] department* within ninety (90) calendar days and the certifying agencies shall be notified of the withdrawal of approval. Students already enrolled in *[a class in this facility, however,] the basic course* may complete *[their] the course* if a /N/notice is issued after *[a]* the basic course has begun. *[However, a noncompliant facility where an extended or partially extended survey has been completed may apply in writing to the division requesting permission for approval to train and test nurse assistants for certification. The approval for each separate class may be granted to teach and test in the facility but not by the facility staff. If approval is granted for a waiver for a certified facility or exception for a licensed-only facility, the division shall require certain criteria to be met, depending on the issues such as time and distance to other training agencies in the area.]*

(E) An ICF or SNF whose approval has been withdrawn for a Class I notice of noncompliance related to administration and resident care may request in writing to the department for an exception to train and test nursing assistants. This written request shall include, at a minimum, the following information:

1. The training site name, and training site number, address, telephone and fax number, and email address as applicable;

2. Administrator's name and facility operator's name and address;

3. Sponsoring training site name, sponsoring training site number, sponsoring training site's instructor's name, instructor's Social Security number, and email address as applicable;

4. The exit date of the noncompliance interview for each deficiency of a Class I in the areas of administration and resident care requirements in 19 CSR 30-85.042; reason(s) for noncompliance; explanation of efforts in locating another training agency within a reasonable distance (at least one-half (½) hour travel time each way from the facility); and

5. A student roster for each class. The student roster shall include each student's name; student's address and telephone number; student's Social Security number; and the student's email address, as applicable; class begin date; number of students completed; instructor's name and telephone number; instructor's license number; instructor's Social Security number; instructor's employer; and the instructor's email address, as applicable.

(F) The *[division] department* shall make an on site inspection of each *[approved]* training agency's premises within two (2) years of approval and every two (2) years following to determine the adequacy of space; equipment and supplies; and, if clinical training is not done on site, verify that there is a current copy of *a/n* signed written agreement of cooperation with an ICF, SNE, hospital, Missouri Veterans' Home, or a hospital-based nursing facility or hospital-based skilled nursing facility for the clinical portion of the course.

(G) Upon receipt of *[a fully] the completed [application] form DHSS-DRL-2469 (08-20), Application for Approval as a Nursing Assistant Training Agency, the [division] department* shall notify the applicant in writing within ninety (90) calendar days of approval or disapproval. If disapproved, the reasons why shall be given.

(H) Training agencies shall be approved for a two- (2)-/- year period and shall submit a new application for approval thirty (30) calendar days prior to the expiration of approval.

(I) The training agency shall be responsible for obtaining an approved instructor and providing training materials for each student. If an instructor is not employed by the training agency, there shall be a signed written agreement of cooperation between the training agency and the instructor.

(J) The training agency shall be responsible for obtaining an approved clinical supervisor. If a clinical supervisor is not employed by a training agency, there shall be a signed written agreement of cooperation between the training agency and the clinical supervisor.

(K) If the training agency is not a licensed ICF or SNF, the agency shall have a signed written agreement of cooperation currently in effect with an ICF, SNE, hospital, Missouri Veterans' Home, or a hospital-based nursing facility or hospital-based skilled nursing facility where the one hundred (100) hours of supervised on-the-job training shall be conducted.

(L) In the event that a qualified instructor for the basic course did not sign records of a student who successfully completed the program, without justification or due to resignation from his or her position, the administrator or designee of the training agency shall validate the training by signature.

(M) Evidence of successful completion of the basic course shall be documented prior to a student taking the final examination and shall include:

1. Class schedules and form MO 580-2473 (12-07) Certified Nurse Assistant Competency Score Sheet (For Use Only With The 2001 Manual) Appendix A/B, included herein for training agencies using the basic course content outlined in paragraphs (5)(A)1. and 2. of this rule; or

2. Class schedules and form DHSS-DRL-111 (08-20), Classroom and On-the-Job Training Record, included herein for training agencies using the basic course content outlined in paragraphs (5)(B)1. and 2. of this rule.

(N) The training agency shall ensure that all applicable portions of appropriate forms identified in paragraphs (9)(M)1. and 2. of this rule are complete and shall provide a copy to the student

within seven (7) calendar days of successful completion of the seventy-five (75) hours of instructional training and one hundred (100) hours of supervised on-the-job training.

(O) The training agency shall maintain records for a minimum of two (2) years for those individuals who have completed the basic course.

(10) Certifying Agency Responsibilities.

(A) In order for a certifying agency to be approved by the department, the agency shall have a signed written agreement of cooperation with the department which shall be renewable every five (5) years.

(B) Certifying agencies that provide the Nursing Assistant Instructor Workshop and the Nursing Assistant Clinical Supervisor Workshop shall complete the following responsibilities:

1. Verify eligibility requirements for the participants enrolled in the Nursing Assistant Instructor Workshop and the Nursing Assistant Clinical Supervisor Workshop;

2. Provide qualified Registered Nurse Instructor Trainers to teach the applicable workshop(s);

3. Issue the applicable workshop certificate(s) to participants upon successful completion; and

4. Within seven (7) calendar days of issuing the workshop certificate, provide a listing of approved instructors and clinical supervisors to the department that includes: the name of workshop completed; participant's legal name, address, and telephone number; email address, as applicable; Social Security number; and date of birth.

(C) Certifying agencies that provide the four (4) hour instructor update training shall comply with the requirements in section (16) of this rule.

(D) Maintain accurate and complete records for a period of at least two (2) years.

[(8)](11) [Instructor/student ratio shall be a maximum of one to fifteen (1:15) and it is recommended that the ratio be one to ten (1:10) or less.] Instructor and Clinical Supervisor/Student Ratios. During the required one hundred (100) hours of supervised on-the-job training, the training agency's instructor and clinical supervisor/student ratio shall be a maximum of one to fifteen (1:15).

[(9)](12) Qualifications of Instructors, Clinical Supervisors, and Examiners.

(A) Instructor.

1. An instructor shall be *[a registered professional nurse]* currently licensed as a RN in Missouri or shall *[have]* hold a current temporary permit from the Missouri State Board of Nursing or shall hold a multi-state or single state RN license from a jurisdiction that is party to the Nurse Licensure Compact. The licensee shall not be subject of current disciplinary action, such as censure, probation, suspension, or revocation.

2. An instructor shall not be listed on the department's EDL.

3. An individual that has been previously disqualified as an instructor shall not function as an instructor unless he or she receives written approval from the department.

*[(2)]4. An instructor shall have had, at a minimum, two (2) years of nursing experience and at least one (1) year of experience in the provision of [LTC] long-term care facility services in the last *[five (5)]* ten (10) years. Other personnel from the health professions may assist the instructor; however, they *[must]* shall have at least one (1) year of experience in their field.*

*[(3)]5. An *[applicant to be an]* instructor, shall *[submit credentials, (resume) and a copy of his/her current license renewal card or temporary permit to the Division of Aging. A letter shall be provided by the division to the applicant indicating the status of the applicant's qualifications and, if not]**

qualified, the reasons and what additional requirements are needed] successfully complete a Nursing Assistant Instructor Workshop by a certifying agency using qualified instructors. The department shall issue a letter of approval to the qualified instructor after the individual has successfully completed the workshop. The department shall maintain a list of approved instructors.

[4. An applicant to be an instructor shall attend a seminar approved by the Division of Aging to learn the methodology of teaching the course but only after his/her credentials have been reviewed and approved by the Division of Aging. The Division of Aging shall issue a final letter of approval to be a qualified instructor after the person has satisfactorily completed the seminar. The seminar shall be conducted either by an LTC association or the Missouri Department of Elementary and Secondary Education using qualified teacher educators approved by the Missouri Department of Elementary and Secondary Education and the Division of Aging.

5. Any registered nurse approved by the division or the Department of Elementary and Secondary Education as an instructor or examiner prior to January 1, 1990, except those involved in nurse assistant curriculum development with the division or who are employed by a certifying agency, shall attend a training seminar on teaching the nurse assistant course conducted by a LTC association or the Department of Elementary and Secondary Education by July 1, 1993 in order to maintain status as an approved instructor. Instructors approved prior to January 1, 1990 who are exempt from attending the training seminar shall write the Division of Aging submitting documentation of classes and students taught. The division will issue those instructors letters of approval so they will not have to attend the new training seminar. After July 1, 1993 all credentials issued prior to January 1, 1990 shall be void. Nurses who attend the approved seminar shall be issued new certificates and the division shall maintain a list of all approved instructors, including those issued letters of approval.]

6. An instructor shall be responsible to teach the seventy-five (75) hours of instructional training for the basic course and a minimum of sixteen (16) of the one hundred (100) hours of supervised on-the-job training in accordance with the requirements contained in this rule.

7. The instructor teaching the seventy-five (75) hours of instructional training and/or sixteen (16) of the one hundred (100) hours of supervised on-the-job training for the basic course shall complete and sign all applicable portions of either form MO 580-2473 (12-07) Certified Nurse Assistant Competency Score Sheet (For Use Only With The 2001 Manual) Appendix A/B for training agencies using the basic course content outlined in paragraphs (5)(A)1. and 2. or form DHSS-DRL-111 (08-20), Classroom and On-the-Job Training Record for training agencies using the basic course content outlined in paragraphs (5)(B)1. and 2. for each student participating in the program.

8. An instructor shall provide to the student within seven (7) calendar days of successful completion of the seventy-five (75) hours of instructional training and one hundred (100) hours of supervised on-the-job training, either completed form MO 580-2473 (12-07) Certified Nurse Assistant Competency Score Sheet (For Use Only With The 2001 Manual) Appendix A/B for training agencies using the basic course content outlined in paragraphs (5)(A)1. and 2. or form DHSS-DRL-111 (08-20), Classroom and On-the-Job Training Record for training agencies using the basic course content outlined in paragraphs (5)(B)1. and 2.

9. If the course is not completed, records and documentation regarding the completed portions shall be provided by the instructor to the student, if requested, and to the training agency.

(B) Clinical Supervisor (On the Job Supervisor).

1. The clinical supervisor shall be *[a]* currently licensed *[registered professional nurse]* as a RN or *[licensed practical nurse, whose license is not currently]* LPN in Missouri or hold a current temporary permit from the Missouri Board of Nursing or shall hold a multi-state or single state RN or LPN license from a jurisdiction that is party to the Nurse Licensure Compact. The licensee shall not be subject *[to]* of current disciplinary action such as censure, probation, suspension, or revocation. *[The clinical supervisor shall be licensed in Missouri or shall have a temporary permit from the Missouri State Board of Nursing.]*

2. A clinical supervisor shall not be listed on the department's EDL.

3. An individual that has been previously disqualified as a clinical supervisor shall not function as a clinical supervisor unless he or she receives written approval from the department.

4. The clinical supervisor, if not currently employed by an ICF, SNF, hospital, or Missouri Veterans' Home, shall have at least one (1) year of licensed nursing experience. The clinical supervisor shall be currently employed by the **approved training agency** facility where the students are performing their duties or by the **training agency** conducting the *[course and shall have attended a seminar approved by the Division of Aging to learn methodology of supervising the on-the-job training]* program.

5. *[Upon successful completion of the training seminar, the clinical supervisor shall be issued a certificate and the division] A clinical supervisor shall successfully complete a Nursing Assistant Clinical Supervisor Workshop by a certifying agency using qualified instructors. The department shall issue a letter of approval to the qualified clinical supervisor after the individual has successfully completed the workshop. The department shall maintain a list of approved clinical supervisors.*

6. The clinical supervisor shall be on the facility premises in which the students are performing their duties while the students are completing the on the job component of their training and shall directly assist the students in their training and observe their skills when checking their competencies. *[The clinical supervisor shall have at least one (1) year of experience in LTC if not currently employed by an LTC facility.]*

7. A clinical supervisor shall be responsible to supervise eighty-four (84) of the one hundred (100) hours of supervised on-the-job training in accordance with the requirements contained in this rule.

8. The clinical supervisor(s) shall complete and sign all applicable portions of form MO 580-2473 (12-07) Certified Nurse Assistant Competency Score Sheet (For Use Only With The 2001 Manual) Appendix A/B for training agencies using the basic course content outlined in paragraphs (5)(A)1. and 2. or form DHSS-DRL-111 (08-20), Classroom and On-the-Job Training Record for training agencies using the basic course content outlined in paragraphs (5)(B)1. and 2. for each student participating in the program.

(C) Examiner.

1. An examiner using the department's testing materials for the basic course content outlined in paragraphs (5)(A)1. and 2. of this rule shall be

*[1.]A. [The examiner shall be a registered professional nurse] A RN currently licensed in Missouri or shall *[have]* hold a current temporary permit from the Missouri State Board of Nursing, or shall hold a multi-state or single state RN license from a jurisdiction that is party to the Nurse Licensure Compact and shall not be currently subject of disciplinary action such as censure, probation, suspension, or revocation.*

*[2.]B. The examiner shall have taught a similar course or shall be qualified to teach a similar course; but shall not have been the instructor of the students being examined; and shall not be employed by the operator whose students are being examined. The examiner shall be specifically approved by the *[Division of Aging]* department to administer final examinations of the state approved*

nurse assistant training curriculum and shall have signed an agreement with the *[division]* department to protect and keep secure the final examinations.

[3. The examiner shall have attended an examiner's seminar given by the Division of Aging to learn the methodology and sign an agreement.]

*[D]J2. Causes for Disqualification. A person shall not be allowed to be an *[instructor, clinical supervisor or]* examiner if it is found that he or she*

[1.]A. Knowingly acted or omitted any duty in a manner which would materially or adversely affect the health, safety, welfare, or property of a resident;

[2.]B. Defrauded a training agency or student by taking payment and not completing a course, not administering the final examination as required, or not being on site while students are being trained;

*[3.]C. Failed to teach, examine, or clinically supervise in accordance with *[13 CSR 15-13.010]* **19 CSR 30-84.010**, or taught students from the state test, changed answers on the state test, lost test booklets, or recorded false information on test materials or test booklets of the program; or*

[4.]D. Failed to send documentation of a completed course to a certifying agency within thirty (30) days.

[E]J3. Notification of Disqualification.

*[1.]A. The *[division]* department shall notify the individual that he or she is no longer eligible to be an *[instructor, clinical supervisor or]* examiner.*

*[2.]B. The *[division]* department shall notify all approved training and certifying agencies if it has been determined that an individual is no longer considered an approved *[instructor, clinical supervisor or]* examiner and that person's name shall be removed from the lists maintained by the *[division]* department of approved *[instructors, clinical supervisors or]* examiners.*

*[3.]C. To be reinstated as a state approved *[instructor, clinical supervisor or]* examiner the individual shall submit a request in writing to the *[division director]* department stating the reasons why reinstatement is warranted. The *[division director or the director's designee]* department shall respond in writing to the request.*

(13) Instructor and Clinical Supervisor Disqualification Criteria.

(A) Causes for Disqualification. The department may disqualify an individual as an instructor or clinical supervisor if it is found the individual failed to follow the requirements in section (12) of this rule or

1. Knowingly acted or omitted any duty in a manner which would materially or adversely affect the health, safety, welfare, or property of a resident;

2. Defrauded a training agency or student by taking payment and not completing a course or not being on-site while students are being trained;

3. Failed to teach or clinically supervise in accordance with the regulations contained in this rule, or provide false information to the department; or

4. Is disqualified as a RN Test Observer by the department approved third party test administrator.

(B) Notification of Disqualification.

1. The department shall notify the individual that he or she is no longer eligible to be an instructor or clinical supervisor.

2. The department shall notify all certifying agencies if it has been determined that an individual is no longer considered an approved instructor or clinical supervisor and that person's name shall be removed from the lists maintained by the department of approved instructors or clinical supervisors.

3. To be reinstated as an approved instructor or clinical supervisor, the individual shall submit a request in writing to the department stating the reasons why reinstatement is warranted. The department shall respond in writing to the request.

(14) Training and Certifying Agency Disqualification Criteria.

(A) **Causes for Disqualification.** The department may disqualify a training agency or certifying agency if it is found that an agency failed to follow the requirements in section (9) for a training agency or section (10) for a certifying agency of this rule or

1. Defrauded a student by taking payment and not ensuring the seventy five (75) hours instructional training or on-the-job training were completed as required by this rule; or

2. Failed to maintain approval from MDHE or DESE, if applicable.

(B) Notification of Disqualification.

1. The department shall notify the agency that he or she is no longer eligible to be a training agency or certifying agency.

2. To be reinstated as a training agency or certifying agency, the agency shall submit a request in writing to the department stating the reasons why reinstatement is warranted. The department shall respond in writing to the request.

(15) Registered Nurse Instructor Trainer Responsibilities.

(A) The RN Instructor Trainer shall be currently licensed as a RN in Missouri or shall hold a current temporary permit from the Missouri State Board of Nursing or shall hold a multi-state or single state RN license from a jurisdiction that is party to the Nurse Licensure Compact. The RN Instructor Trainer shall not be subject of current disciplinary action, such as censure, probation, suspension, or revocation and shall not be listed on the department's EDL.

(B) The RN Instructor Trainer shall also be, at a minimum, an approved nursing assistant instructor.

(C) The RN Instructor Trainer shall be employed or contracted by a certifying agency to instruct the Nursing Assistant Instructor Workshop, Nursing Assistant Clinical Supervisor Workshop, and the Instructor Update Training.

(16) Instructor Update Training.

(A) The instructor shall attend a four (4) hour update training provided by a certifying agency every five (5) years. This update training shall include, at a minimum, the following:

1. Instruction on how to complete form DHSS-DRL-111 (08-20), Classroom and On-the-Job Training Record;

2. Instruction on the fundamentals of adult learning;

3. Instruction in at least one (1) area regarding standards of practice in long term care such as pressure ulcer prevention, dining practices, or resident rights issues;

4. Instruction on providing care for cognitively impaired residents;

5. Review of the Nursing Assistant Training Program regulations contained in 19 CSR 30-84.010; and

6. Review of the administration and resident care requirements contained in 19 CSR 30-85.042.

(B) The certifying agency shall provide a list of the instructors that complete the update training to the department within seven (7) calendar days of completion of the training.

(C) Any instructor who has not completed the required four (4) hour update training by August 31, 2022, and every five (5) years thereafter shall be removed from the department-approved list of instructors. If removed from the department's list, the instructor shall attend and successfully complete the Nursing Assistant Instructor Workshop in order to be reinstated to act as an instructor.

(17) Final Examination Testing.

(A) In order to be eligible for testing, a student shall have either completed the *state-approved training curriculum offered by an approved training agency or shall have a letter from the Division of Aging granting approval to challenge the final examination.* following:

1. Seventy-five (75) hours of instructional training and the

one hundred (100) hours of supervised on-the-job training offered by a training agency. The student shall pass a minimum of three (3) written or oral tests throughout the course with an eighty percent (80%) score or better on each test in order to be eligible to take the final examination. Each test shall consist of a minimum of fifteen (15) questions; or

2. Possess an approval letter from the department granting approval to challenge the final examination.

[(B) A student shall pass a minimum of three (3) written or oral tests throughout the course with an eighty (80) score or better on each test in order to be eligible to take the final examination.]

[(C)](B) If the course content outlined in paragraphs (5)(A)1. and 2. of this rule is used for teaching the basic course, [T]he final examination shall be conducted by an approved examiner who may be assisted by the instructor using the following procedures:

1. The instructor will select an LTC resident to participate in the testing process and obtain approval for this activity from the resident;

2. The examiner shall verify the eligibility of the students by reviewing *[records]* form MO 580-2473 (12-07) Certified Nurse Assistant Competency Score Sheet (For Use Only With The 2001 Manual) Appendix A/B to establish that the student has completed the approved training program or possesses an approval letter from the *[division]* department granting approval to challenge the final examination. *In the event that a qualified instructor for the nurse assistant LTC program did not sign records of a student who successfully completed the program, without justification or due to resignation from his/her position, the administrator of the approved training agency may validate the training by signature. Evidence of successful completion of the basic course (that is, test scores, class schedules and the like) shall be documented prior to a student taking the final examination];*

3. The student shall successfully complete at least nine (9) procedures under the observation of the instructor or a facility licensed nurse and examiner.

A. The nine (9) procedures shall always include a type of bath, vital signs (temperature, pulse, respirations, and blood pressure), transfer techniques, feeding techniques, dressing and grooming, skin care, active or passive, range of motion to upper and lower extremities (unless contraindicated by a physician's order), and hand washing and gloving from the standardized curriculum.

B. The remainder shall be selected according to the resident's care needs at the time of day that testing occurs.

C. The evaluation of the student shall include communication and interaction with the resident, provision of privacy, work habits, appearance, conduct, and reporting and recording skills;

4. The student shall successfully answer forty (40) out of fifty (50) oral or written questions presented by the examiner based on the standardized curriculum and selected from a specific test pool of questions which are safeguarded by the *[Division of Aging]* department;

5. The examiner who uses the basic course content outlined in paragraphs (5)(A)1. and 2. of the basic course for the final examination shall notify the department and obtain different examinations to be administered each time; and

6. The examiner who uses the basic course content outlined in paragraphs (5)(A)1. and 2. of the basic course for the final examination shall conduct the following:

A. Complete and sign form MO 580-2473 (12-07) Certified Nurse Assistant Competency Score Sheet (For Use Only With The 2001 Manual) Appendix A/B and the final examination score sheet which shall include scores and comments. The examiner shall advise the individual that successful completion of the evaluation will result in the addition of his/her name to the CNA Registry.

B. After scoring, the examiner shall return all test materials, test booklets, answer sheets, and any appendices to the

department. The examiner shall also provide the training agency with documentation of the student's test scores.

C. A copy of the student's final record sheets shall be provided to the student (except for the answer sheets). If the course is not completed, records and documentation regarding the portions completed shall be provided to the student, if requested, and to the training agency.

(C) If the basic course content outlined in paragraphs (5)(B)1. and 2. of this rule, is used to teach the course, testing shall comply with the following:

1. The instructor shall verify the eligibility of the students by reviewing form DHSS-DRL-111 (08-20), Classroom and On-the-Job Training Record to establish that the student has completed the approved program;

2. The final examination shall be conducted by the department approved third party test administrator and a fee will be assessed for each examination;

3. The student shall successfully complete an examination proctored by the department approved third party test administrator. The student shall achieve a passing score of at least eighty percent (80%); and

4. The student shall successfully complete the skills evaluation portion of the examination proctored by the department approved third party test administrator. The student shall achieve a score of one hundred percent (100%).

[5.](D) Any *[person]* individual who fails the final examination, except those who have been permitted to challenge the examination, shall have the opportunity to retake the examination twice within ninety (90) calendar days of the initial examination. *[The examiner shall notify the division and obtain different examinations to be administered each time.]* If *[it is failed]* the individual fails the final examination a third time, the entire basic course *[or selected sections, as determined by the examiner, must]* shall be retaken before another examination can be given*[; and].*

[6.](E) Any *[person]* individual who is employed by a LTC facility and required by section 198.082, RSMo to enroll in the *[Nurse Assistant P]*program, but who has been permitted to challenge the final examination and who fails the examination, must immediately re-enroll in and begin study in the next available basic course *[and].* The individual shall complete the basic course within *[one (1) year] four (4) months* of employment.

*[(11)]**(18)* *[Records and Certification] CNA Registry.*

[(A) Records.

1. The examiner shall complete and sign the competency record sheet and the final examination score sheet which shall include scores and comments. The examiner shall advise the individual that successful completion of the evaluation will result in the addition of his/her name to the State Nursing Assistant Register.

2. After scoring, the examiner shall return all test materials, test booklets, answer sheets, and any appendices to the division. The examiner shall also provide the training agency with documentation of the student's test scores.

3. A copy of the student's final record sheets shall be provided to the student (except for the answer sheets). If the course is not completed, records and documentation regarding the portions completed shall be provided to the student, if requested, and to the training agency.

4. The training agency shall maintain the records of students trained. Records shall be maintained for at least two (2) years.]

(A) If the CNA passes the final examination, the individual's name shall be placed on the CNA active registry.

(B) *[Certification and Entry of Names on State Register.]* CNAs shall submit documentation (e.g., pay stubs, W-2, letter from employer, etc.) of work in nursing or nursing related ser-

vices for at least one (1) day (e.g. eight (8) hours) within each twenty-four- (24-) consecutive month period to maintain active status. Documentation shall be submitted to the department approved third party test administrator and a fee will be assessed for each renewal.

1. The training agency shall submit within thirty (30) days, the student's final record sheets to any one of the long-term care associations or any other agency which is specifically approved by the division to issue nursing assistant certificates and provide names to the division for entry on the nurse assistant register.

2. Each student shall obtain a certificate from a state-approved association or agency validating successful completion of the training program.

3. The Division of Aging shall maintain a list of long-term care associations or other agencies approved to handle the issuance of certificates for the Nurse Assistant Training Program. In order for a long-term care association or agency to be approved by the Division of Aging, it shall enter into an agreement of cooperation with the Missouri Division of Aging which shall be renewable annually and shall effectively carry out the following responsibilities:

A. Issue certificates to individuals who have successfully completed the course;

B. Provide the Division of Aging with the names and other identifying data of those receiving certificates on at least a monthly basis; and

C. Maintain accurate and complete records for a period of at least two (2) years.

4. The certificate of any nurse assistant who has not performed nursing services for monetary compensation for at least one (1) day in a twenty-four (24)-consecutive month period shall be invalid and the person's name shall be removed from the Missouri nursing assistant register. This individual, however, may submit his/her credentials to the Division of Aging at any time and if unemployed for less than five (5) years, s/he may be authorized to challenge the final examination. If s/he passes the examination, the examiner shall submit the individual's records to a training agency so that s/he can be issued a new certificate and his/her name can be placed on the nurse assistant register again. If unemployed longer than five (5) years, the individual must successfully complete the entire course before s/he can be recertified and s/he is not eligible to challenge the final examination.]

(C) A CNA who has been inactive on the registry for less than five (5) years and cannot provide documentation (e.g., pay stubs, W-2, letter from employer, etc.) of work in nursing or nursing related services for at least one (1) day (e.g. eight (8) hours) within each twenty-four- (24-) consecutive month period shall challenge the final examination in accordance with section (8) of this rule before the CNA is reinstated to the active registry.

(D) A CNA who has been inactive on the registry for more than five (5) years and cannot provide documentation (e.g., pay stubs, W-2, letter from employer, etc.) of work in nursing or nursing related services for at least one (1) day (e.g. eight (8) hours) within each twenty-four- (24-) consecutive month period is not eligible to challenge the final examination and shall successfully complete the entire basic course before the CNA is reinstated to the active registry.

APPENDIX A**MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
CERTIFIED NURSE ASSISTANT COMPETENCY SCORE SHEET (FOR USE ONLY WITH 2001 MANUAL)**

STUDENT NAME (PLEASE PRINT)	(LAST)	(FIRST)	(MIDDLE)	(MAIDEN)	SOCIAL SECURITY NO.	HOME PHONE NO.
PERMANENT ADDRESS (STREET)	(CITY)	(STATE)	(ZIP)	DATE OF BIRTH	ATTENDANCE	WORK PHONE NO.
SITE NAME - 75 HRS CLASSROOM	94	100	SITE NO.	BEGIN DATE	COMPLETE DATE - 84 HRS/100 HRS	MAKE-UP
SITE NAME - 84 HRS/100 HRS*			SITE NO.	BEGIN DATE	COMPLETE DATE 16 HRS.	
SITE NAME - 16 HRS COMPETENCIES			SITE NO.	1ST ATTEMPT	BOOKLET NO.	SCORE
SITE NAME - WRITTEN/ORAL FINAL EXAM			SITE NO.	2ND ATTEMPT	BOOKLET NO.	SCORE
SITE NAME - WRITTEN/ORAL FINAL EXAM			SITE NO.	3RD ATTEMPT	BOOKLET NO.	SCORE
SITE NAME - WRITTEN/ORAL FINAL EXAM			SITE NO.	1ST ATTEMPT	EXAM DATE	ORAL
SITE NAME - PRACTICUM EXAM			SITE NO.	2ND ATTEMPT	EXAM DATE	ORAL
SITE NAME - PRACTICUM EXAM			SITE NO.	3RD ATTEMPT	EXAM DATE	ORAL
SITE NAME - PRACTICUM EXAM			SITE NO.		EXAM DATE	SCORE
SITE NAME - PRACTICUM EXAM			SITE NO.		EXAM DATE	SCORE
CLASS TEST SCORES					<input type="checkbox"/> APPROVED FOR CERTIFICATION	<input type="checkbox"/> NOT APPROVED FOR CERTIFICATION
1. 2.	3.	EACH SCORE MUST BE AT LEAST 80% (MUST BE COMPLETED BY INSTRUCTOR PRIOR TO EXAM)				
Evaluation of procedures includes: knowledge, safety, encouraged self-help/work habits, student-resident interaction, organization, resident's rights. Other procedures may be determined by resident's needs. All procedures must be evaluated.						
PRACTICUM EXAM PROCEDURES	PASS/FAIL	PRACTICUM EXAM PROCEDURES		PASS/FAIL	PRACTICUM EXAM PROCEDURES	
1. BATH		2. VITAL SIGNS		3. TRANSFER TECHNIQUES		
4. FEEDING TECHNIQUES		5. DRESSING AND GROOMING		6. SKIN CARE		
7. HANDWASHING		8. GLOVING		9. ACTIVE OR PASSIVE FOM TO ↑ AND ↓ EXTERMITIES		
<input type="checkbox"/> Examiner advised individual that successful completion of the evaluation will result in the addition of his/her name to the state nursing assistant register. If you have been determined to have committed abuse, neglect or misappropriation of goods in a certified facility, a permanent federal marker will be placed against your name on the CNA register. You will NEVER AGAIN be allowed to work in a certified facility. STUDENT MUST INITIAL .						
1ST INSTRUCTOR SIGNATURE			LICENSE NO.	PRINTED LAST NAME		
2ND INSTRUCTOR SIGNATURE			LICENSE NO.	PRINTED LAST NAME		
ADMINISTRATOR/DON SIGNATURE - 75 HOURS			LICENSE NO.	PRINTED LAST NAME		
CHARGE NURSE SIGNATURE - FACILITY VERIFICATION 84 HRS OUT COMPLETED			LICENSE NO.	PRINTED LAST NAME		
CHARGE NURSE SIGNATURE - FACILITY VERIFICATION 16 HRS COMPETENCY EVALUATION			LICENSE NO.	PRINTED LAST NAME		
CLINICAL SUPERVISOR - 84 HRS OUT	LICENSE NO.	PRINT LAST NAME	CLINICAL SUPERVISOR - 84 HRS OUT		LICENSE NO.	PRINT LAST NAME
CLINICAL SUPERVISOR - 16 HRS OUT	LICENSE NO.	PRINT LAST NAME	CLINICAL SUPERVISOR - 16 HRS OUT		LICENSE NO.	PRINT LAST NAME
1ST EXAMINER SIGNATURE	LICENSE NO.	PRINT LAST NAME	2ND EXAMINER SIGNATURE		LICENSE NO.	PRINT LAST NAME

APPENDIX B

STUDENT NAME - PLEASE PRINT (LAST)	(FIRST)	(MIDDLE)	(MAIDEN)	SOCIAL SECURITY NO.
COMPETENCY				
1. Take oral temperature			33. Assist resident to undress	
2. Take rectal temperature			34. Apply and remove elastic stockings	
3. Take axillary temperature			35. Give complete bed bath	
4. Count radial pulse			36. Give tub bath	
5. Count apical pulse			37. Give shower bath	
6. Count respirations			38. Make an unoccupied bed	
7. Measure blood pressure			39. Make an occupied bed	
8. Wash hands			40. Give back rub	
9. Put on and remove daily care non-sterile gloves			41. Give stage 1 pressure ulcer care	
10. Put on and remove mask			42. Give peri care with catheter	
11. Put on and remove non-sterile gown			43. Change a drainage bag	
12. Feed helpless resident			44. Empty a urinary drainage bag	
13. Serve a food tray			45. Assist resident in using urinal	
14. Clear airway obstruction in conscious resident			46. Assist resident in using bedpan	
15. Clear airway obstruction in unconscious resident			47. Give care of an uncomplicated established colostomy	
16. Thicken liquids			48. Move resident to head of bed (two-person assist)	
17. Distribute drinking water			49. Turn resident to one side (% turn)	
18. Measure fluid intake			50. Demonstrate one-person pivot transfer from bed to chair	
19. Measure fluid output			51. Demonstrate one-person pivot transfer from chair to bed	
20. Shave with disposable razor			52. Demonstrate two-person pivot transfer from chair to bed (resident able to assist)	
21. Shave with electric razor			53. Demonstrate two-person transfer with a mechanical lift to chair	
22. Assist with oral hygiene			54. Ambulate resident using a gait belt	
23. Administer oral hygiene to resident who is helpless/unconscious			55. Ambulate resident using a walker	
24. Provide denture care			56. Ambulate resident using a cane	
25. Give fingernail care			57. Give range of motion exercises to neck and shoulders	
26. Give toenail care			58. Give range of motion exercises to elbow	
27. Comb/brush hair			59. Give range of motion exercises to wrist and fingers	
28. Give shampoo during tub bath/shower bath			60. Give range of motion exercises to hip and knee	
29. Give bed shampoo			61. Give range of motion exercises to ankle and toes	
30. Give perineal care to male resident			62. Measure weight of resident	
31. Give perineal care to female resident			63. Measure height of resident	
32. Assist resident to dress			64. Give post-morbid care	
PERSONAL COMPETENCY EVALUATION (PASSING SCORE REQUIRED ON ALL ITEMS PRIOR TO BEING ALLOWED TO TAKE FINAL EXAM)				
RATER NAME	LICENSE NO.	RATER NAME	LICENSE NO.	COMPL.
65. Wears clean uniform, wears name tag and is free of body odor		72. Utilizes plan of care to meet resident's needs		
66. Observes resident rights		73. Maintains a safe environment for resident/self		
67. Reports to work on time		74. Uses appropriate body mechanics		
68. Uses facility's procedure for absenteeism		75. Reports & records patient information to appropriate personnel		
69. Completes assignments		76. Shows enthusiasm for learning		
70. Communicates well with others, is courteous		77. Applies critical thinking during class and clinical work		
71. Incorporates acceptable techniques when caring for the confused resident, the mentally ill resident or the resident with unconventional behaviors.		78. Shows care and empathy while providing care.		
COMMENTS				



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
 DIVISION OF REGULATION AND LICENSURE
 SECTION FOR LONG-TERM CARE REGULATION
CLASSROOM AND ON-THE-JOB TRAINING RECORD

(1) STUDENT NAME (LAST, FIRST, MIDDLE)		(2) FORMER NAMES USED		
(3) SOCIAL SECURITY NO.		(4) STUDENT E-MAIL		
(5) STUDENT PERMANENT ADDRESS (STREET, CITY, STATE, ZIP)		(6) DATE OF BIRTH		(7) STUDENT PHONE NO.
(8) APPROVED STATE NAME - 75 HRS INSTRUCTIONAL TRAINING		(8A) STATE NO.	(8B) BEGIN DATE	(8C) COMPLETION DATE
(9) APPROVED STATE NAME - 16 HRS OR 100 HRS ON-THE-JOB TRAINING (OJT)		(9A) STATE NO.	(9B) BEGIN DATE	(9C) COMPLETION DATE
(10) APPROVED STATE NAME - 84 HRS OJT		(10A) STATE NO.	(10B) BEGIN DATE	(10C) COMPLETION DATE 84 OJT HOURS
(11) CLASS TEST SCORES 1. 2. 3. Each test score must be at least 80% (must be completed prior to final exam)				
(12) 1ST INSTRUCTOR'S SIGNATURE - INSTRUCTIONAL HRS		(12A) LICENSE NO.	(12B) LAST NAME	
(13) 2ND INSTRUCTOR'S SIGNATURE - INSTRUCTIONAL HRS		(13A) LICENSE NO.	(13B) LAST NAME	
(14) ADMINISTRATOR/RECTOR OF NURSING (DON/CEO)'S SIGNATURE		(14A) LICENSE NO.	(14B) LAST NAME	
(15) CHARGE NURSE'S SIGNATURE - FACILITY VERIFICATION 84 HRS OJT COMPLETED		(15A) LICENSE NO.	(15B) LAST NAME	
(16) CHARGE NURSE'S SIGNATURE - FACILITY VERIFICATION 16 HRS OR 100 HRS OJT COMPLETED		(16A) LICENSE NO.	(16B) LAST NAME	
(17) 1ST INSTRUCTOR'S SIGNATURE - 16 HRS OJT	(17A) LICENSE NO.	(17B) LAST NAME	(18) 2ND INSTRUCTOR'S SIGNATURE - 16 HRS OJT	(18A) LICENSE NO.
(19) CLINICAL SUPERVISOR'S SIGNATURE - 84 HRS OJT	(19A) LICENSE NO.	(19B) LAST NAME	(20) CLINICAL SUPERVISOR'S SIGNATURE - 84 HRS OJT	(20A) LICENSE NO.
(20B) LAST NAME				

STUDENT NAME - (LAST FIRST MIDDLE)	SOCIAL SECURITY NO	SKILLS									
PG 2 - INSTRUCTIONS: 1st Column: Last date of 75 hours instruction training 2nd Column: Classroom instructor not as 3rd Column: Crossroom instructor not as 4th Column: Supervisor not available in state approved training agency 5th Column: Classroom supervisor not available in state approved training agency 6th Column: Classroom supervisor not available in state approved training agency. NOTE: An instructor must provide at least 16 hours of the 100 hours OJT.		DATE OF CLASSROOM INSTRUCTION	DATE OUT OF CLASSROOM INSTRUCTION	SIMULATION	OUT EVALUATION CS / INSTRUCTOR INITIALS	DATE OUT OF CLASSROOM INSTRUCTION	DATE OUT OF CLASSROOM INSTRUCTION	SIMULATION	OUT EVALUATION CS / INSTRUCTOR INITIALS	DATE OF CLASSROOM INSTRUCTION	DATE OUT OF CLASSROOM INSTRUCTION
1 Take oral temperature					35 Give complete bed bath						
2 Take axillary temperature					36 Give tub bath						
3 Count radial pulse					37 Give shower bath						
4 Count apical pulse					38 Make an unoccupied bed						
5 Count respirations					39 Make an occupied bed						
6 Measure blood pressure					40 Give back rub						
7 Wash hands					41 Give stage 1 pressure ulcer care & discuss prevention						
8 Put on/remove daily care non-sterile gloves					42 Discuss pressure relieving devices						
9 Put on/remove mask					43 Reposition for pressure relief in bed						
10 Put on/remove non-sterile gown					44 Reposition for pressure relief in chair						
11 Feed a resident that requires total assistance					45 Suspend resident's heels						
12 Serve a food tray					46 Give perineal care with catheter						
13 Clear airway obstruction in conscious resident					47 Change a drainage bag						
14 Clear airway obstruction in unconscious resident					48 Empty a urinary drainage bag						
15 Thicken liquids					49 Assist resident in using urinal						
16 Distribute drinking water					50 Assist resident in using bedpan						
17 Measure fluid intake					51 Care of an uncomplicated established colostomy						
18 Measure fluid output					52 Turn resident to one side ($\frac{1}{2}$ turn)						
19 Shave with disposable razor					53 Move resident to head of bed (two-person assist)						
20 Shave with electric razor					54 Demonstrate one-person pivot transfer from bed to chair						
21 Assist with oral hygiene					55 Demonstrate one-person pivot transfer from chair to bed						
22 Administer oral hygiene to resident that requires					56 Demonstrate two-person pivot transfer from chair to bed (resident can assist)						
23 Denture care					57 Demonstrate two-person transfer with a mechanical lift to chair						
24 Fingernail care					58 Ambulate resident using a gait belt						
25 Toenail care					59 Ambulate resident using a walker						
26 Comb/brush hair					60 Ambulate resident using a cane						
27 Shampoo tub bath/shower bath					61 Range of Motion (ROM) exercises neck and shoulders						
28 Bed shampoo					62 ROM exercises elbow						
29 Perineal care to male resident					63 ROM exercises wrist/fingers						
30 Perineal care to female resident					64 ROM exercises hip/knee						
31 Assist resident to dress					65 ROM exercises ankle/toes						
32 Changing a brief					66 Measure weight of resident						
33 Assist resident to undress					67 Measure height of resident						
34 Apply and remove therapeutic stockings					68 Give post-mortem care						
COMMENTS											

GUIDE TO CLASSROOM AND ON-THE-JOB TRAINING RECORD**Guide for page 1**

8. Name of approved training agency site where 75 hours of training was conducted.

8A. Site number of training agency where instructor training was conducted.

8B. Beginning date of instructor training (this date must pre-date any on the job training).

8C. Date instructor training was completed.

8D. Number of training hours completed.

9. Name of approved long-term care (LTC) facility where student completed 16 or 100 hours of OJT.

Note: If a 100 hours of OJT were completed in an approved LTC facility, boxes 10 through 10C may be left blank.

9A. Site number of approved LTC facility where student completed 16 or 100 hours of OJT.

9B. Date student began 16 or 100 hours of OJT in an approved LTC facility.

9C. Date student completed 16 or 100 hours of OJT in an approved LTC facility.

9D. Number of hours of OJT the student completed.

10. Name of the approved LTC facility where student completed 84 hours of OJT.

Note: An approved LTC facility that has been denied the ability to provide 100 hours of OJT due to enforcement issues may be able to provide 84 hours of OJT. The other 16 hours of OJT must be completed in an approved facility.

10A. Site number of approved LTC facility where 84 hours of OJT was completed.

10B. Date 84 hours of OJT began.

10C. Date student completed 84 hours of OJT.

11. During the course of 175 hours of training, the student must take and pass at least three sample tests with a score of at least 80% prior to sitting for the final exam. Those test scores shall be documented by the instructor at (11) 1, (11) 2, and (11) 3.

11A. 11B. Instructor checks application box if student has successfully met all required criteria to sit for final exam or failed to successfully complete a required test for final exam.

12. The signature of the first classroom instructor shall ensure that training requirements are met according to 19 CSR 30-84.010 and that a portion of form DHSS-DRL-2473 is completed. Signing indicates a training, with the exception of the final exam has been completed.

12A. First instructor's name.

12B. First instructor's last name.

13. If applicable, signature of the second instructor who assisted with the instruction during, and during he/she provided instructor training to the student.

13A. If applicable, second instructor's name.

13B. If applicable, second instructor's last name.

- 14.** Signature of the administrator, DON, or CEO of the approved LTC facility where 16 hours of OJT occurred. This signature is to acknowledge the CNA training occurred in the facility named in box #9.
- 14A.** Administrator, DON, or CEO's name.
- 14B.** Administrator, DON, or CEO's last name.
- 15.** Signature of charge nurse verifying the student was present in the LTC facility for 16 or 100 hours of OJT.
- 15A.** Charge nurse's name.
- 15B.** Charge nurse's last name.
- 16.** Charge nurse's signature verifying that the student was present in the facility for 84 hours of OJT (may be left blank if charge nurse signed for a 100 hours at #15.)
- 16A.** Charge nurse's name.
- 16B.** Charge nurse's last name.
- 17.** Signature of first instructor who provided at least 16 hours of 100 hours OJT in an approved LTC facility. (These 16 hours of training may be shared between one or more instructors.)
- 17A.** Instructor's name.
- 17B.** Instructor's last name.
- 18.** If applicable, signature of second instructor who provided any portion of the 16 hours of 100 hours of OJT for the student in an approved LTC facility.
- 18A.** If applicable, the second instructor's name.
- 18B.** If applicable, the second instructor's last name.
- 19.** Signature of classroom supervisor who supervised 84 hours of the OJT.
- 19A.** Classroom supervisor's name.
- 19B.** Classroom supervisor's last name.
- 20.** If applicable, the signature of the second classroom supervisor who supervised any portion of 84 hours of OJT.
- 20A.** If applicable, the second classroom supervisor's name.
- 20B.** If applicable, the second classroom supervisor's last name.

Guide for Page 2

A boxes on page 2 must be completed prior to the final exam with the exception of the comments box, which may be filled out as appropriate to the student.

A classroom supervisors and instructors who provided training and/or supervision shall sign this form. If extra space is needed, signatures may be included in the comment section at the bottom of page 2.



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
DIVISION OF REGULATION AND LICENSURE
SECTION FOR LONG-TERM CARE REGULATION

APPLICATION FOR APPROVAL AS A NURSING ASSISTANT TRAINING AGENCY

DATE SUBMITTED

<input type="checkbox"/> NEW APPLICATION	<input type="checkbox"/> RENEWAL APPLICATION	<input type="checkbox"/> REVISED APPLICATION
FACILITY/SCHOOL NAME		TRAINING AGENCY NO.
LIST PREVIOUS FACILITY/SCHOOL NAMES		
PHYSICAL ADDRESS (STREET, CITY, STATE, ZIP CODE)		TELEPHONE
MAILING ADDRESS (STREET, CITY, STATE, ZIP CODE)		FAX NUMBER
ADMINISTRATOR/DIRECTOR		
DHSS APPROVED INSTRUCTOR(S) NAME		LICENSE NUMBER
TRAINING AGENCY/FACILITY CONTACT EMAIL ADDRESS		
PLEASE CHECK THE FOLLOWING IF APPLICABLE:		
<input type="checkbox"/> DHSS LICENSED FACILITY (ICF/SNF)	<input type="checkbox"/> NON-FACILITY BASED	
<input type="checkbox"/> HOSPITAL-BASED NF OR SNF	<input type="checkbox"/> CAREER CENTER SCHOOL (PUBLIC)	<input type="checkbox"/> CAREER CENTER SCHOOL (PRIVATE)
<input type="checkbox"/> HOSPITAL	<input type="checkbox"/> COMPREHENSIVE HIGH SCHOOL	
<input type="checkbox"/> MO VETERANS HOME	<input type="checkbox"/> COMMUNITY OR 4-YEAR COLLEGE	
<input type="checkbox"/> ASSOCIATION	<input type="checkbox"/> PRIVATE AGENCY	
*Must be approved by Department of Secondary Education or Department of Higher Education		
DHSS APPROVED CERTIFYING AGENCY NAME		
What portions of the course will be conducted at the above address: <input type="checkbox"/> 75 instructional training hours <input type="checkbox"/> 100 On-The-Job Hrs		
What portions of the course will not be conducted at the above address: <input type="checkbox"/> 75 instructional training hours <input type="checkbox"/> 100 On-The-Job Hrs		
If the 75 hours of instructional training or 100 hours on-the-job hours are conducted at a different location other than at the above address - a current signed agreement shall be on file at the facility/agency. Provide the name, CNA training site number and address of the facility/agency below:		
AGENCY/FACILITY NAME	CNA SITE NO.	ADDRESS (STREET, CITY, STATE, ZIP CODE)
NAME(S) AND NURSE LICENSE NUMBER(S) OF DHSS APPROVED CLINICAL SUPERVISOR(S)		
_____ _____ _____ _____		
ADMINISTRATOR/DIRECTOR SIGNATURE		DATE
COMMENTS:		

The completed application form may be submitted by mail, fax to: **573-526-7656**, or e-mail: cnaregistry@health.mo.gov.
Mailing address: Missouri Department of Health and Senior Services, Section for Long-Term Care Regulation, Attn: Health Education Unit, PO Box 570, Jefferson City, MO 65102-0570

AUTHORITY: sections **198.009** and **198.079**, **RSMo 2016**, and section **198.082**, **RSMo [1994] Supp. 2020**. This rule originally filed as 13 CSR 15 13.010. Original rule filed Aug. 13, 1982, effective Jan. 13, 1983. For intervening history, please consult the **Code of State Regulations**. Emergency amendment filed June 14, 2021, effective June 28, 2021, expires Dec. 24, 2021. Amended: Filed June 14, 2021.

PUBLIC COST: This proposed amendment will cost state agencies or political subdivisions one hundred ninety eight thousand nine hundred seventy dollars (\$198,970) in the aggregate.

PRIVATE COST: This proposed amendment will cost private entities seven hundred thirty nine thousand four hundred sixty dollars (\$739,460) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with Carmen Grover Slattery, Regulation Unit Manager, Section for Long Term Care Regulation, Division of Regulation and Licensure, PO Box 570, Jefferson City, MO 65102 0570 or at RegulationUnit@health.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the **Missouri Register**. No public hearing is scheduled.

FISCAL NOTE PUBLIC COST

- I. Department Title:** Department of Health and Senior Services
Division Title: Division of Regulation and Licensure
Chapter Title: Training Program for Nursing Assistants

Rule Number and Name:	19 CSR 30-84.010 Nursing Assistant Training Program
Type of Rulemaking:	Proposed Amendment

II. SUMMARY OF FISCAL IMPACT

Affected Agency or Political Subdivision	Estimated Cost of Compliance in the Aggregate
(14) Skilled Nursing Facilities (SNFs)	\$24,014
(56) Vocational technical, comprehensive high schools approved by Missouri Department of Secondary Education (DESE)	\$96,054
(33) Public agencies approved by Missouri Department of Higher Education (DHE)	\$56,603
(6) Hospitals	\$10,292
(7) Veteran's homes	\$12,007
TOTAL COSTS =	\$198,970

III. WORKSHEET

Costs of Student Training Materials/Materials on public entities

SNFs: (1 student manual @ \$51.68) x (10 students per class) x (14 LTC facilities) x 3 classes = \$21,705.60

Vocational technical schools, comprehensive high schools approved by DESE: (1 student manual @ \$51.68) x (10 students per class) x (56 schools) x 3 classes = \$86,822.40

Agency/schools approved by the Missouri DHE: (1 student manual @ \$51.68) x (10 students per class) x (33 agencies/schools) x 3 classes = \$51,163.20

Hospitals: (1 student manual @ \$51.68) x (10 students per class) x (6 public owned hospitals) x 3 classes = \$9,302.40

Missouri Veterans Homes: (1 student manual @ \$51.68) x (10 students per class) x (7 homes) x 3 classes = \$10,852.80

Total for costs of student manual/instructional materials for public entities: \$21,705.60 + \$86,822.40 + \$51,163.20 + \$9,302.40 + \$10,852.80 = \$179,846.40

Costs of Instructor Training Materials/Manuals on public entities

SNFs: (1 instructor manual @ \$54.95) x (3 instructors per facility) x (14 facilities) = \$2,307.90

Vocational technical schools, comprehensive high schools approved by DESE: (1 instructor manual @ \$54.95) x (3 instructors per facility) x (56 schools) = \$9,231.60

Agency/schools approved by the Missouri DHE: (1 instructor manual @ \$54.95) x (3 instructors per facility) x (33 schools) = \$5,440.05

Hospitals: (1 instructor manual @ \$54.95) x (3 instructors per facility) x (6 hospitals) = \$989.10

Missouri Veterans Homes: (1 instructor manual @ \$54.95) x (3 instructors per facility) x (7 homes) = \$1,153.95

Total for costs of instructor materials/manuals for public entities: \$2,307.90 + \$9,231.60 + \$5,440.05 + \$989.10 + \$1,153.95 = \$19,122.60

TOTAL COSTS: \$179,846.40 (total for student manual/instructional materials) + \$19,122.60 (total for instructor materials/manuals) = \$198,969.00

IV. ASSUMPTIONS

Costs of Student and Instructor Manual/Instructional Materials on public entities

All approved training agencies are required to provide each student and instructor his or her own instruction training material(s) that encompasses the required curricula content found in 19 CSR 30-84.010. A training agency conducting the nursing assistant basic course must purchase material(s) that is published, includes all the curricula content for the basic course listed in 19 CSR 30-84.010, and is no more than ten (10) years old.

The public fiscal note is based on the assumption that all department approved nursing assistant training agencies will purchase the required training material(s) for each student and instructor.

There are currently 116 entities that are publicly owned training agencies approved by the department which include the following:

14 SNFs
56 DESE
33 DHE
6 Hospitals
7 Missouri Veterans Homes

Total of 116 publicly owned training agencies

The formula for determining the costs an approved training agency would incur to purchase the required nursing assistant training materials for instructors and students would be at least one (1) textbook for each student and one (1) textbook for each instructor. The department estimated that each approved training agency would maintain an average number of instructors per class, conduct a certain number of training classes per year with an average number of students per class.

The department reviewed three (3) entities that publish a nursing assistant training textbook for students and instructors to determine an average costs for a training manual/material. Based on the information, the department estimated the average cost for a student nursing assistant training manual/materials to be: \$51.68 and the average cost for an instructor's nursing assistant training manual/materials to be: \$54.95

The department received input from several training agencies on the number of instructor's employed/contracted, number of students per class, and the number of classes held per year. Based on the information provided the estimated number of instructors per class is 3; average students per class is 10; and the number of classes held per year is 3.

The formula for determining the cost to a training agency to purchase the nursing assistant training material for each student is as follows: (Average cost of one (1) student textbook) x (number of students per class) x (number of publicly-owned training agency) x (number of classes).

The formula for determining the cost to a training agency to purchase the nursing assistant training material for each instructor is as follows: (Average cost of one (1) instructor textbook) x (number of instructors per training agency) x (number of privately-owned training agency). NOTE: Because some instructor textbooks and online teaching instruction are free with the purchase of student texts, this will help keep instructor costs more affordable. Also, the department assumes that the training agency keeps the instructor materials, regardless of who instructs the course and instructor materials are only purchased once during the year.

Costs of CNA final examination for individuals

The department is not including costs for approved publicly-owned training agencies regarding the CNA final examination. Certified intermediate care facilities and skilled nursing facilities are reimbursed for costs to train nursing assistants through the Missouri Medicaid CNA reimbursement program, which includes the final examination. The department believes that approved publicly-owned training agencies can recoup costs through tuition fees. Hospitals and Veterans' homes are not required to pay for the CNA final examination; however, they may offer incentives or bonuses such as paying for a CNA final examination to retain them for employment. The fiscal impact would be a private cost for an individual who may have to pay for the CNA exam out of his/her own pocket.

Costs of CNA twenty-four (24) month renewal certification

The department is not including the costs for publicly-owned training entities to ensure that a CNA that maintains their active status on the CNA registry because the CNA is solely responsible to pay the associated renewal fee of \$20.00. The regulation does not

require publicly-owned entities to pay the cost for CNA renewal certifications. The fiscal impact would be a private cost for a CNA.

Costs of Instructor Update Training

The department is not including the costs for publicly-owned training agencies who employ/contract with instructors to ensure they complete the required four (4) hour instructor update training. An individual who wishes to be an approved instructor or retain their approved status will be solely responsible to pay the fee assessed for the four (4) hour Instructor Update Training and complete the course by August 31, 2022 and every five (5) years thereafter to retain an active status. The fiscal impact would be a private cost for an instructor.

**FISCAL NOTE
PRIVATE COST**

I. Department Title: **DEPARTMENT OF HEALTH AND SENIOR SERVICES**
Division Title: **Division of Regulation and Licensure**
Chapter Title: **Training Program for Nursing Assistants**

Rule Number and Title:	19 CSR 30-84.010 Nursing Assistant Training Program
Type of Rulemaking:	Proposed Amendment

II. SUMMARY OF FISCAL IMPACT

Estimate of the number of entities by class which would likely be affected by the adoption of the rule:	Classification by types of the business entities which would likely be affected:	Estimate in the aggregate as to the cost of compliance with the rule by the affected entities:
183	Intermediate Care Facilities (ICFs) and Skilled Nursing Facilities (SNFs)	\$313,891
2	Vocational technical, comprehensive high schools approved by Missouri Department of Secondary Education (DESE)	\$3,431
11	Private agencies approved by Missouri DHE	\$18,868
2	Long Term Care (LTC) Associations	\$3,431
10	Hospitals	\$17,153
3	Private agency/schools approved US Department of Education	\$5,146
633	Instructors – Update training	\$94,950
1,850	Individuals not reimbursed for cost of the Certified Nursing Assistant (CNA) final examination	\$231,250
2,567	CNA renewals certifications	\$51,340
	TOTAL COSTS:	\$739,460

III. WORKSHEET**Costs of Student Manual/Instructional Materials on private entities**

ICF/SNFs: (1 student manual @ \$51.68) x (10 students per class) x (183 facilities) x 3 classes = \$283,723.20

Vocational technical schools, comprehensive high schools approved by DESE: (1 student manual @ \$51.68) x (10 students per class) x (2 schools) x 3 classes = \$3,100.80

Agency/schools approved by Missouri DHE: (1 student manual @ \$51.68) x (10 students per class) x (11 agencies/schools) x 3 classes = \$17,054.40

LTC associations: (1 student manual @ \$51.68) x (10 students per class) x (2 associations) x 3 classes = \$3,100.80

Hospitals: (1 student manual @ \$51.68) x (10 students per class) x (10 hospitals) x 3 classes = \$15,504.00

Private agency/schools approved US Department of Education: (1 student manual @ \$51.68) x (10 students per class) x (3 agencies/ associations) x 3 classes = \$4,651.20

Total for costs of student manual/instructional materials for private entities: \$327,134.40

Costs of Instructor Materials/Manuals on private entities

ICF/SNFs: (1 instructor manual @ \$54.95) x (3 instructors per facility) x (183 facilities) = \$30,167.55

Vocational technical schools, comprehensive high schools approved by DESE: (1 instructor manual @ \$54.95) x (3 instructors per school) x (2 schools) = \$329.70

Agency/schools approved by Missouri DHE: (1 instructor manual @ \$54.95) x (3 instructors per agency/school) x (11 agencies/schools) = \$1,813.35

LTC associations: (1 instructor manual @ \$54.95) x (3 instructors per association) x (2 schools) = \$329.70

Hospitals: (1 instructor manual @ \$54.95) x (3 instructors per hospital) x (10 hospitals) = \$1,648.50

Private agencies/schools approved US Department of Education: (1 instructor manual @ \$54.95) x (3 instructors per hospital) x (3 agencies/schools) = \$494.55

Total for costs of student manual/instructional materials for private entities: \$34,783.35

Costs of CNA final examination for individuals taking the exam

Fee to administer a CNA final examination: \$125.00

The total number of number of CNA final exams administered was calculated by averaging the number of CNA final examinations sent out for 2019 and 2020: $7,490 + 7,312 = 14,802 / 2 = 7,401$

The department estimates that approximately 25% of individuals taking the CNA final examination would have to pay for the costs on their own.

The costs for the number of CNAs not receiving reimbursement for the final examination was calculated by the average number of active CNAs $(7,401) \times .25\% = 1,850 \times \text{cost of final examination} (\$125.00) = \$231,250.00$

Total costs for the number of CNAs who will not receive reimbursement for taking the final examination: \$231,250.00

Costs of twenty-four (24) month CNA renewal certifications

Fee for each CNA renewal certification: \$20.00

The department estimates they process approximately fifty percent (50%) of CNA renewal certifications on a yearly basis.

Total number of active CNAs that may seek renewal certification was calculated by averaging the active number of CNAs for 2019 and 2020: $5,850 + 4,416 = 10,266 / 2 = 5,133$

The total number of CNA renewal certifications issued annually was calculated by estimating the average yearly number of active CNAs $(5,133) / \text{fifty percent (.50)} = 2567$

The cost for CNAs to renew their certification to remain active was calculated by the average number of active CNAs $(5,133) / 50\% = (2,567) \times \text{cost of renewal} (\$20.00) = \$51,340.00$

Total costs for the number of CNA renewal certifications that potentially be processed by the department approved third party test administrator on a yearly basis: \$51,340.00

Costs of Instructor Update Training Every 5 Years

The department received a proposed fee from a certifying agency who plans to develop and conduct the instructor update training. The proposed fee per class is: \$150 (training materials would be included in the cost)

Number of approved instructors in SLCR – Health Education Unit (HEU) database: 3,708

It is not known if all active instructors listed in the HEU database will take the update training. The formula for determining the costs to instructors is based on the estimated number of instructors employed by an approved privately-owned training agency.

The Section for Long-Term Regulation (SLCR) asked several training agencies for input on the number of instructors employed/contracted. Five (5) training agencies responded and their responses were averaged to come up with an approximate number of instructors for each training agency. The average was found by the following number of instructors: $5+4+2+1+3=15$ instructors. $15 \text{ instructors} / 5 \text{ training agency responses} = 3 \text{ instructors average per training agency.}$

Privately-Owned Training Agencies

- ICFs/SNFs = 183
183 facilities x 3 instructors = 549 employed instructors
- DESE = 2
2 entities x 3 instructors = 6 employed instructors
- DHE = 11
11 entities x 3 instructors = 33 employed instructors
- LTC Associations = 2
2 entities x 3 instructors = 6 employed instructors
- Hospitals = 10
10 entities x 3 instructors = 30 employed instructors
- US Department of Education = 3
3 entities x 3 instructors = 9 employed instructors

Total number of privately-owned training agencies = 211

Total number of instructors employed by privately-owned training agencies:
 $549+6+33+6+30+9= 633$

The costs for the number of instructors needing to take the required Instructor Update training course was calculated by using the estimated number of instructors employed/contracted by privately-owned training agencies (633) x cost of the update course (\$150.00) = \$94,950

Total proposed costs for an instructor to take the required four (4) Instructor Update training course: \$94,950

IV. ASSUMPTIONS

Costs of Student and Instructor Manual/Instructional Materials on private entities

All approved training agencies are required to provide each student and instructor his or her own instruction training material(s) that encompasses the required curricula content found in 19 CSR 30-84.010. A training agency conducting the nursing assistant basic course must purchase material(s) that is published, includes all the curricula content for the basic course listed in 19 CSR 30-84.010, and is no more than ten (10) years old.

The private fiscal note is based on the assumption that all department approved nursing assistant training agencies will purchase the required training material(s) for each student and instructor.

There are currently 211 entities that are privately-owned training agencies approved by the department which include the following:

183 ICFs/SNFs
2 DESE
11 DHE
2 LTC Associations
10 Hospitals
3 Private agencies

Total of 211 privately-owned training agencies

The formula for determining the costs an approved training agency would incur to purchase the required nursing assistant training materials for instructors and students would be at least one (1) textbook for each student and one (1) textbook for each instructor. The department estimated that each approved training agency would maintain an average number of instructors per class, conduct a certain number of training classes per year with an average number of students per class.

The department reviewed three (3) entities that publish a nursing assistant training textbook for students and instructors to determine an average costs for a training manual/material. Based on the information, the department estimated the average cost for a student nursing assistant training manual/materials to be: \$51.68 and the average cost for an instructor's nursing assistant training manual/materials to be: \$54.95

The department received input from several training agencies on the number of instructor's employed/contracted, number of students per class, and the number of classes held per year. Based on the information provided the estimated number of instructors per class is 3; average students per class is 10; and the number of classes held per year is 3.

The formula for determining the cost to a training agency to purchase the nursing assistant training material for each student is as follows: (Average cost of one (1) student textbook) x (number of students per class) x (number of privately-owned training agency) x (number of classes).

The formula for determining the cost to a training agency to purchase the nursing assistant training material for each instructor is as follows: (Average cost of one (1) instructor textbook) x (number of instructors per training agency) x (number of privately-owned training agency). NOTE: Because some instructor textbooks and online teaching instruction are free with the purchase of student texts, this will help keep instructor costs more affordable. Also, the department assumes that the training agency keeps the instructor materials, regardless of who instructs the course and instructor materials are only purchased once during the year.

Costs of CNA final examination

Regulation 19 CSR 30-84.010 requires an applicant/student who has taken the nursing assistant training program to successfully pass the final examination (written & skills) in order to become a certified nursing assistant (CNA) and be added to the active Missouri CNA Registry. The department is proposing a new requirement that allows a department approved third party test administrator to set a cost/fee to administer the CNA final examination. The applicant/student is required to register with the department approved third party test administrator to take the final examination.

Current regulation allows examiners to set their own fee to administer the final exam. The Section for Long-Term Regulation (SLCR), Health Education Unit (HEU) made contact with various examiners to obtain an average cost of what an examiner may charge an applicant/student to administer the final examination. The costs an examiner currently charges to administer the final examination has been wide ranging from \$30.00 to \$300.00 per final examination. The new proposed regulation requires a third party test administrator to administer the final examination. The third party test administrator will impose one set fee for the final examination.

The regulation does not require an approved privately-owned training agency to pay for the CNA final examination. The proposed regulation requires the applicant/student to register with the department approved third party test administrator in order to take the final examination and submit payment.

The department is not including costs for approved privately-owned training agency regarding the CNA final examination. Certified intermediate care facilities and skilled nursing facilities are reimbursed for costs to train nursing assistants through the Missouri Medicaid CNA reimbursement program, which includes the final examination. The department believes that approved privately-owned training agencies can recoup costs through tuition fees. Hospitals and Veterans' homes are not required to pay for the CNA final examination; however, they may offer incentives or bonuses such as paying for a CNA final examination to retain them for employment. For the purposes of this fiscal note, the department is accounting only for the costs that an applicant/student in an average year would have to pay out-of-pocket to take the CNA final examination.

The fee that will be imposed by the department approved third party test administrator to administer the CNA final examination is: \$125.00

The department estimates that approximately twenty-five percent (25%) of individuals taking the CNA final examination would have to pay for the costs on their own.

The formula used to determine the costs to the number of individuals not receiving reimbursement for the final examination was calculated by: (average number of active CNAs) x (25%) x (cost of final examination).

Costs of Instructor Update Training

The instructor update training is a new requirement and only a department approved certifying agency will be allowed to conduct the training. The department is not certain

all approved certifying agencies will offer the instructor update training. The department received information costs from one (1) certifying agency planning to develop the update training and conduct the course. The costs may vary depending on which certifying agencies decide to offer the training; therefore, it is not possible to determine a precise cost for the course.

The total number of approved and active instructors based on the department registry: 3,708. NOTE: The SLCR health education unit (HEU) registry database does not track the number of instructors employed or contracted by an approved privately-owned training agency. It is not known if all active instructors will take the four (4) hour Instructor Update training.

The department received a fee quote from an approved certifying agency who plans to offer and develop a training course to meet the four (4) hour instructor update training requirement. The certifying agency estimated it would impose a \$150 fee per instructor to take the four (4) hour instructor update course.

The formula used to estimate the cost of this proposed regulation to the approved instructors is: (# of instructors impacted by proposed regulation) x (cost of training course) = cost to instructors.

The formula used for the cost for the number of instructors needing to take the required Instructor Update training course was calculated by: (estimated number of instructors employed by privately-owned training agencies) x (cost of the update course).

The department is not including costs a certifying agency may incur as a result of conducting the instructor update training. Depending on the number of instructors enrolled in each update training course and charge for the course, it is highly probable the certifying agency will earn a profit for each class held. Even if the certifying agency does not make a profit, the department believes the certifying agency will not incur a cost to teach the course because the certifying agency will receive money from the instructor to take the course.

The department is also not including the costs a privately-owned training agency may incur for the instructor update training because the regulation does not require the training agency to pay for the instructor update training. An individual who wishes to be an approved instructor or retain their approved status will be solely responsible to pay the fee assessed for the four (4) hour Instructor Update Training and complete the course every five (5) years to retain an active status.

Title 19—DEPARTMENT OF HEALTH AND SENIOR SERVICES
Division 30—Division of Regulation and Licensure
Chapter 85—Intermediate Care and Skilled Nursing Facility

PROPOSED AMENDMENT

19 CSR 30-85.042 Administration and Resident Care Requirements for New and Existing Intermediate Care and Skilled Nursing Facilities. The department is amending sections (20), (21), and (32), deleting section (39), and renumbering remaining sections.

PURPOSE: This amendment clarifies and updates the requirements regarding the nursing assistant training program as a result of revisions made to regulation set in 19 CSR 30 84.010 Nursing Assistant Training Program.

Editor's Note: All rules relating to long term care facilities licensed by the [Division of Aging] Department of Health and Senior Services are followed by a Roman Numeral notation which refers to the class (either Class I, II, or III) of standard as designated in section 198.085.1, RSMo.

(20) The facility shall develop and offer an in service orientation and continuing educational program for the development and improvement of skills of all the facility's personnel, appropriate for their job function. Facilities shall begin providing orientation on the first day of employment for all personnel including licensed nurses and other professionals. At a minimum, this shall cover prevention and control of infection, facility policies and procedures including emergency protocol, job responsibilities and lines of authority, confidentiality of resident information, and preservation of resident dignity including protection of the resident's privacy and instruction regarding the property rights of residents. *[Nursing assistants who have not successfully completed the classroom portion of the state-approved training program prior to employment shall not provide direct resident care until they have completed the sixteen (16)-hour, orientation module and at least twelve (12) hours of supervised practical orientation. This shall include, in addition to the topics covered in the general orientation for all personnel, special focus on facility protocols as well as practical instruction on the care of the elderly and disabled. This orientation shall be supervised by a licensed nurse who is on duty in the facility at the time orientation is provided].* II/III

(21) *[Nursing assistants who have not successfully completed the state-approved training program shall complete a comprehensive orientation program within sixty (60) days of employment. This may be part of a nursing assistant training program taught by an approved instructor in the facility. It shall include, at a minimum, information on communicable disease, handwashing and infection control procedures, resident rights, emergency protocols, job responsibilities and lines of authority.]* II/III **Nursing Assistant Training Program.**

(A) All nursing assistants shall successfully complete the entire basic course (including passing the final examination) of the nursing assistant training program and be certified within four (4) months of employment. II/III

(B) Nursing assistants who have not successfully completed the nursing assistant training program prior to employment may begin duties as a nursing assistant and may provide direct resident care only if under the direct supervision of a licensed nurse prior to the completion of the seventy-five (75) classroom hours of the training program. For the purpose of this rule, direct supervision shall mean close contact whereby the licensed nurse is able to respond quickly to the needs of the resident. The nurs-

ing assistant shall not perform any care or services for which he or she has not been trained nor found proficient by a licensed nurse. II/III

(C) Prior to any direct resident contact, an individual enrolled in the nursing assistant training program's basic course in a Medicare or Medicaid certified facility shall complete at least a total of sixteen (16) of the required seventy-five (75) hours of instructional training in communication and interpersonal skills; infection control; safety/emergency procedures, including the Heimlich maneuver; promoting residents' independence; and respecting residents' rights. II/III

(32) Nursing personnel shall be at least eighteen (18) years of age except that a person between the ages of seventeen (17) years of age and eighteen (18) years of age may provide direct resident care if *[he/she has successfully completed the state-approved nursing assistant course and has been certified with his/her name]* the individual is listed as a certified nursing assistant with an active status on the *[state]* department's certified nursing assistant *[register]* registry. *[He/she must]* The individual shall work under the direct supervision of a licensed nurse and *[will]* shall never be left responsible for a nursing unit. II/III

[(39) Nursing assistants employed after January 1, 1980, shall have completed mandatory training as required by section 198.082, RSMo, or be enrolled in the course and functioning under the supervision of a state approved instructor of clinical supervisor as part of the one hundred (100) hours of on-the-job training. The person enrolled shall have successfully completed the course and become certified within one (1) year of employment with a licensed-only facility or within four (4) months of employment with a facility certified under Title XVIII or Title XIX if he or she is to remain employed in the facility as a nursing assistant. II]

[(40)](39) Nursing personnel in any facility with more than twenty (20) residents shall not routinely perform non nursing duties. II/III

[(41)](40) Nursing personnel in facilities with twenty (20) residents or less shall perform non nursing duties only if acceptable infection control measures are maintained. II/III

[(42)](41) Each facility resident shall be under the medical supervision of a Missouri licensed physician who has been informed of the facility's emergency medical procedures and is kept informed of treatments or medications prescribed by any other professional lawfully authorized to prescribe medications. I/II

[(43)](42) Facilities shall ensure that at the time the resident is admitted, the facility obtains from a physician the resident's primary diagnosis along with current medical findings and the written orders for the immediate care of the resident. II/III

[(44)](43) The facility shall ensure that the resident's private physician, the physician's designee, the facility's supervising physician, or an alternate physician shall examine the resident at least annually, and shall examine the resident as often as necessary to ensure proper medical care. I/II

[(45)](44) For each medical examination, the physician must review the resident's care, including medications and treatments; write, sign, and date progress notes; and sign and date all orders. The facility shall establish a policy requiring the physician to sign orders and to complete all other documentation required if the physician does not visit the resident routinely. II/III

[(46)](45) No medication, treatment, or diet shall be given without a written order from a person lawfully authorized to prescribe such

and the order shall be followed. No restraint shall be applied except as provided in 13 CSR 15 18.010, Resident Rights. I/II

I/(47)/(46) There shall be a safe and effective system of medication distribution, administration, control, and use. I/II

I/(48)/(47) Verbal and telephone orders for medication or treatment shall be given only to those individuals licensed or certified to accept orders. Orders shall be immediately reduced to writing and signed by that individual. If a telephone order is given to a certified medication technician, an initial dose of medication or treatment shall not be given until the order has been reviewed by telephone or in person by a licensed nurse or pharmacist. The review shall be documented by the reviewer co signing the telephone order. II

I/(49)/(48) Medications shall be administered only by a licensed physician, a licensed nurse, or a medication technician who has successfully completed the state approved course for medication administration. II

I/(50)/(49) Injectable medication, other than insulin, shall be administered only by a licensed physician or a licensed nurse. Insulin injections may be administered by a certified medication technician who has successfully completed the state approved course for insulin administration. II

I/(51)/(50) Self administration of medication is permitted only if approved in writing by the resident's physician, and it is in accordance with the facility's policy and procedures. II

I/(52)/(51) All medication errors and adverse reactions shall be reported immediately to the nursing supervisor and the resident's physician and, if there was a dispensing error, to the issuing pharmacist. II/III

I/(53)/(52) At least monthly a pharmacist or a registered nurse shall review the drug regimen of each resident. Irregularities shall be reported in writing to the resident's physician, the administrator, and the director of nurses. There must be written documentation which indicates how the reports were acted upon. II/III

I/(54)/(53) All prescription medications shall be supplied as individual prescriptions. All medications, including over the counter medications, shall be packaged and labeled in accordance with applicable professional pharmacy standards and state and federal drug laws and regulations. The *United States Pharmacopoeia* (USP) labeling shall include accessory and cautionary instructions as well as the expiration date, when applicable, and the name of the medication as specified in the physician's order. Over the counter medications for individual residents shall be labeled with at least the resident's name. II/III

I/(55)/(54) If the resident brings medications to the facility, they shall not be used unless the contents have been examined, identified, and documented by a pharmacist or a physician. II/III

I/(56)/(55) Facilities shall store all external and internal medications at appropriate temperatures in a safe, clean place and in an orderly manner apart from foodstuffs and dangerous chemicals. A facility shall secure all medications, including those refrigerated, behind at least one (1) locked door or cabinet. Facilities shall store containers of discontinued medication separately from current medications. II/III

I/(57)/(56) Facilities shall store Schedule II medications, including those in the emergency drug supply, under double lock separately from noncontrolled medication. Schedule II medications may be stored and handled with other noncontrolled medication if the facility

has a single unit dose drug distribution system in which the quantity stored is minimal and a missing dose can be readily detected. II

I/(58)/(57) Upon discharge or transfer, a resident may be given medications with a written order from the physician. Instructions for the use of those medications will be provided to the resident or the resident's designee. III

I/(59)/(58) All non unit doses and all controlled substances which have been discontinued must be destroyed on the premises within thirty (30) days. Outdated, contaminated, or deteriorated medications and non unit dose medications of deceased residents shall be destroyed within thirty (30) days. Unit dose medications returnable to the pharmacy shall be returned within thirty (30) days. II/III

I/(60)/(59) Medications shall be destroyed in the facility by a pharmacist and a licensed nurse or by two (2) licensed nurses. III

I/(61)/(60) Facilities shall maintain records of medication destroyed in the facility. Records shall include: the resident's name; the date; the name, strength, and quantity of the medication; the prescription number; and the signatures of the participating parties. III

I/(62)/(61) The facility shall maintain records of medication released to the family or resident upon discharge or to the pharmacy. Records shall include: the resident's name; the date; the name, strength, and quantity of the medication; the prescription number; and the signature of the persons releasing and receiving the medication. III

I/(63)/(62) The facility must establish a system of records of receipt and disposition of all controlled drugs in sufficient detail to enable an accurate reconciliation. The system must enable the facility to determine that drug records are in order and that an account of all controlled drugs is maintained and reconciled. II/III

I/(64)/(63) Facilities shall make available to all nursing staff up to date reference material on all medications in use in the facility. III

I/(65)/(64) The facility shall develop policies to identify any emergency stock supply of prescription medications to be kept in the facility for resident use only. This emergency drug supply must be checked at least monthly by a pharmacist to ensure its safety for use and compliance with facility policy. A facility shall have the emergency drug supply readily available to medical personnel and use of medications in the emergency drug supply shall assure accountability. III

I/(66)/(65) Each resident shall receive twenty four- (24)-/- hour protective oversight and supervision. For residents departing the premises on voluntary leave, the facility shall have, at a minimum, a procedure to inquire of the resident or resident's guardian of the resident's departure, of the resident's estimated length of absence from the facility, and of the resident's whereabouts while on voluntary leave. I/II

I/(67)/(66) Each resident shall receive personal attention and nursing care in accordance with his/her condition and consistent with current acceptable nursing practice. I/II

I/(68)/(67) Each resident shall be clean, dry, and free of body and mouth odor that is offensive to others. I/II

I/(69)/(68) Taking into consideration the resident's preferences, residents shall be well groomed and dressed appropriately for the time of day, the environment and any identified medical conditions. II/III

I/(70)/(69) Residents who are physically or mentally incapable, or both, of changing their own positions shall have their positions

changed at least every two (2) hours and shall be provided supportive devices to maintain good body alignment. I/II

I(71)(70) The facility must provide each resident the opportunity to access sufficient fluids to maintain proper hydration in accordance with the resident's medical condition and goals of treatment as documented in the medical record. I/II

I(72)(71) All residents who require assistance at mealtimes, whether it be preparation of the food items or actual feeding, shall be provided the assistance upon delivery of the tray. Facilities shall provide dining room supervision during meals. II/III

I(73)(72) Facilities shall provide each resident, according to his/her needs, with restorative nursing to encourage independence, activity and self help to maintain strength and mobility. Each resident shall be out of bed as desired unless medically contraindicated. II

I(74)(73) Each resident shall have skin care including the application of oil, lotion, and cream as needed to prevent dryness and scaling of skin. II/III

I(75)(74) Facilities shall keep residents free from avoidable pressure sores, taking measures toward prevention. If sores exist, staff shall give adequate treatment. I/II

I(76)(75) Facility staff shall check residents requiring restraints every thirty (30) minutes and exercise the residents every two (2) hours. II/III

I(77)(76) Facilities shall not use locked restraints. I

I(78)(77) Residents shall be cared for by using acceptable infection control procedures to prevent the spread of infection. The facility shall make a report to the division within seven (7) days if a resident is diagnosed as having a communicable disease, as determined by the Missouri Department of Health and listed in the *Code of State Regulations* pertaining to communicable diseases, specifically 19 CSR 20.20.020, as amended. I/II

I(79)(78) In the event of accident, injury, or significant change in the resident's condition, facility staff shall notify the resident's physician in accordance with the facility's emergency treatment policies which have been approved by the supervising physician. I/II

I(80)(79) In the event of accident, injury, or significant change in the resident's conditions, facility staff shall immediately notify the person designated in the resident's record as the designee or responsible party. III

I(81)(80) Staff shall inform the administrator of accidents, injuries, and unusual occurrences which adversely affect, or could adversely affect, the resident. The facility shall develop and implement responsive plans of action. III

I(82)(81) Facilities shall ensure that each resident is provided individual personal care items necessary for good grooming. Items shall be stored and maintained in a clean manner within the resident's room. III

I(83)(82) Facilities shall provide equipment and nursing supplies in sufficient number to meet the needs of the residents. II/III

I(84)(83) Facilities shall keep all utensils and equipment in good condition, effectively sanitized, sterilized, or both, and stored to prevent contamination. II/III

I(85)(84) Staff shall ensure that bedpans, commodes, and urinals

are covered after use, emptied promptly, and thoroughly cleaned after use. II/III

I(86)(85) Facilities shall provide and use a sufficient supply of clean bed linen, including sheets, pillow cases, blankets, and mattress pads to assure that resident beds are kept clean, neat, dry, and odor free. II/III

I(87)(86) Staff shall use moisture proof covers as necessary to keep mattresses and pillows clean, dry, and odor free. II/III

I(88)(87) Facilities shall provide each resident with fresh bath towels, hand towels, and washcloths as needed for individual usage. II/III

I(89)(88) In addition to rehabilitative or restorative nursing, all facilities shall provide or make arrangements for providing rehabilitation services to all residents according to their needs. If a resident needs rehabilitation services, a qualified therapist shall perform an evaluation on written order of the resident's physician. II/III

I(90)(89) Facilities shall ensure that rehabilitation services are provided by or under the on site supervision of a qualified therapist or a qualified therapy assistant who works under the general supervision of a qualified therapist. I/II

I(91)(90) Staff shall include the following in documentation of rehabilitation services: physician's written approval for proposed plan of care; progress notes at least every thirty (30) days by the therapist; daily record of the procedure(s) performed; summary of therapy when rehabilitation has been reached and, if applicable, recommendations for maintenance procedures by restorative nursing. III

I(92)(91) The facility shall designate a staff member to be responsible for the facility's social services program. The designated staff person shall be capable of identifying social and emotional needs, knowledgeable of methods or resources, or a combination of these, to use to meet them and services shall be provided to residents as needed. II/III

I(93)(92) The facility shall designate an employee to be responsible for the activity program. The designated person shall be capable of identifying activity needs of residents, designing and implementing programs to maintain or increase, or both, the resident's capability in activities of daily living. Facilities shall provide activity programs on a regular basis. Each resident shall have a planned activity program which includes individualized activities, group activities, and activities outside the facility as appropriate to his/her needs and interests. II/III

I(94)(93) The facility shall provide and use adequate space and equipment within the facility for the identified activity needs of residents. II/III

I(95)(94) The facility shall establish and maintain a program for informing all residents in advance of available activities, activity location and time. III

I(96)(95) Facility staff shall include the following general information in admission records: resident's name; prior address; age (birth date); sex; marital status; Social Security number; Medicare and Medicaid numbers; date of admission; name, address, and telephone number of responsible party; name, address, and telephone number of attending physician; height and weight on admission; inventory of resident's personal possessions upon admission; and names of preferred dentist, pharmacist, and funeral director. II/III

I(97)(96) Facility staff shall include physician entries in the medical record with the following information: admission diagnosis, admission

physical and findings of subsequent examinations; progress notes; orders for all medications and treatment; orders for extent of activity; orders for restraints including type and reason for restraint; orders for diet; and discharge diagnosis or cause of death. II/III

/(98)/(97) Residents admitted to a facility on referral by the Department of Mental Health shall have an individualized treatment plan or individualized habilitation plan on file which is updated annually. III

/(99)/(98) Facilities shall ensure that the clinical record contains sufficient information to

- (A) Identify the resident;
- (B) Reflect the initial and ongoing assessments and interventions by each discipline involved in the care and treatment of the resident; and
- (C) Identify the discharge or transfer destination. II/III

/(100)/(99) Facilities shall ensure that the resident's clinical record must contain progress notes that include, but are not limited to:

- (A) Response to care and treatment;
- (B) Change(s) in physical, mental, and psychosocial condition;
- (C) Reasons for changes in treatment; and
- (D) Reasons for transfer or discharge. II/III

/(101)/(100) The facility must safeguard clinical record information against loss, destruction, or unauthorized use. III

/(102)/(101) The facility must keep all information confidential that is contained in the resident's records regardless of the form or storage method of the records, including video, audio, or computer stored information. III

/(103)/(102) The facility must maintain clinical records on each resident in accordance with accepted professional standards and practices. These records shall be complete, accurately documented, readily accessible on each nursing unit, and systematically organized. II/III

/(104)/(103) Facilities must retain clinical records for the period of time required by state law or five (5) years from the date of discharge when there is no requirement in state law. III

/(105)/(104) Facilities shall retain all financial records related to the facility operation for seven (7) years from the end of the facility's fiscal year. III

/(106)/(105) In the event the resident is transferred from the facility, the resident shall be accompanied by a copy of the medical history, transfer forms which include the physical exam report, nursing summary, and report of orders physicians prescribed. II/III

AUTHORITY: sections 198.006, [RSMo Supp. 2003] 198.009, and 198.079, RSMo [2000] 2016. This rule originally filed as 13 CSR 15 14.042. Original rule filed July 13, 1983, effective Oct. 13, 1983. For intervening history, please consult the *Code of State Regulations*. Amended: Filed June 14, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with Carmen Grover Slattery, Regulation Unit Manager, Section for Long Term Care Regulation, PO Box 570, Jefferson City, MO 65102 0570 or at

RegulationUnit@health.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

Title 20—DEPARTMENT OF COMMERCE AND INSURANCE

Division 2010—Missouri State Board of Accountancy
Chapter 2—General Rules

PROPOSED AMENDMENT

20 CSR 2010-2.061 Requirements for an Initial License to Practice. The board is amending section (2).

PURPOSE: This amendment corrects a statutory reference.

(2) On and after June 30, 2021, applicants for initial licensure shall demonstrate completion of at least one hundred fifty (150) semester credit hours of college education and earned a baccalaureate degree and/or graduate degree from an accredited college or university approved by the board. The one hundred fifty (150) semester credit hours shall include the one hundred twenty (120) hours required by section /327.277/ 326.277, RSMo, and rule 20 CSR 2010 2.041. Additionally, of the remaining thirty (30) hours required for licensure, an applicant must complete a minimum additional twelve (12) semester credit hours in accounting and business, with six (6) semester credit hours in accounting and six (6) semester credit hours in business in undergraduate and/or graduate level courses.

AUTHORITY: section 326.262, RSMo 2016, and sections 326.277 and 326.280, RSMo Supp. 2020. This rule originally filed as 4 CSR 10 2.061. Original rule filed Sept. 13, 1978, effective Jan. 13, 1979. For intervening history, please consult the *Code of State Regulations*. Amended: Filed June 8, 2021.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Board of Accountancy, PO Box 613, Jefferson City, MO 65102, by facsimile at 573 751 0012, or via email at mosba@pr.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the *Missouri Register*. No public hearing is scheduled.

This section will contain the final text of the rules proposed by agencies. The order of rulemaking is required to contain a citation to the legal authority upon which the order or rulemaking is based; reference to the date and page or pages where the notice of proposed rulemaking was published in the *Missouri Register*; an explanation of any change between the text of the rule as contained in the notice of proposed rulemaking and the text of the rule as finally adopted, together with the reason for any such change; and the full text of any section or subsection of the rule as adopted which has been changed from that contained in the notice of proposed rulemaking. The effective date of the rule shall be not less than thirty (30) days after the date of publication of the revision to the *Code of State Regulations*.

The agency is also required to make a brief summary of the general nature and extent of comments submitted in support of or opposition to the proposed rule and a concise summary of the testimony presented at the hearing, if any, held in connection with the rulemaking, together with a concise summary of the agency's findings with respect to the merits of any such testimony or comments which are opposed in whole or in part to the proposed rule. The ninety-(90-) day period during which an agency shall file its order of rulemaking for publication in the *Missouri Register* begins either: 1) after the hearing on the proposed rulemaking is held; or 2) at the end of the time for submission of comments to the agency. During this period, the agency shall file with the secretary of state the order of rulemaking, either putting the proposed rule into effect, with or without further changes, or withdrawing the proposed rule.

Title 2—DEPARTMENT OF AGRICULTURE
Division 30—Animal Health
Chapter 10—Food Safety and Meat Inspection

ORDER OF RULEMAKING

By the authority vested in the Animal Health Division under section 265.020, RSMo 2016, the Animal Health Division amends a rule as follows:

2 CSR 30-10.010 Inspection of Meat and Poultry is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on March 1, 2021 (46 MoReg 397). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 40—Family Support Division
Chapter 7—Family Healthcare

ORDER OF RULEMAKING

By the authority vested in the Department of Social Services, Family Support Division, under sections 207.022 and 660.017, RSMo 2016, the division hereby withdraws a proposed amendment as follows:

13 CSR 40-7.010 Scope and Definitions is withdrawn.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on February 16, 2021 (46 MoReg 327 328). This proposed amendment is withdrawn.

SUMMARY OF COMMENTS: The Department of Social Services, Family Support Division does not have General Assembly appropriations to implement this proposed amendment.

RESPONSE: As a result, the Department of Social Services, Family Support Division is withdrawing this rulemaking.

Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 70—MO HealthNet Division
Chapter 10—Nursing Home Program

ORDER OF RULEMAKING

By the authority vested in the Department of Social Services, MO HealthNet Division, under sections 208.153, 208.159, 208.201, and 660.017, RSMo 2016, the division amends a rule as follows:

13 CSR 70 10.015 is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 1, 2021 (46 MoReg 612 622). Those sections with changes are reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Department of Social Services, MO HealthNet Division (MHD) received one (1) comment regarding the proposed amendment.

COMMENT #1: Harvey Tettlebaum, Husch Blackwell, on behalf of the Missouri Health Care Association, recommends a language change to paragraph (14)(A)3. regarding the withholding of payments to out of state nursing facilities. The recommendation is to delete "may" and replace it with "shall." With this change, the Missouri Health Care Association supports the proposed amendment.

RESPONSE AND EXPLANATION OF CHANGE: The MHD has amended paragraph (14)(A)3. to make this recommended change.

13 CSR 70-10.015 Prospective Reimbursement Plan for Nursing Facility Services

(14) Exceptions.

(A) Requirements for Placement of MO HealthNet Participants in Out of State Nursing Facilities and Reimbursement for Out of State Nursing Facilities.

1. In order to provide nursing facility services to MO HealthNet participants when there is no Missouri nursing facility with a suitable bed available that meets the medical needs of the participant, the division may authorize placement of a MO HealthNet participant in an out of state facility.

2. The division will only authorize placement of a MO HealthNet participant into an out of state facility if

A. No Missouri nursing facility bed is available that meets the medical needs of the participant;

B. In state alternatives for providing services have been exhausted; and

C. Prior approval for placement into an out of state nursing facility is requested from and approved by the division.

3. Once a Missouri nursing facility bed meeting the medical needs of the participant is available, the participant must return to Missouri. If the participant does not return to Missouri, the division

shall withhold payments for nursing facility services, unless the participant's health would be endangered if required to travel to Missouri. Participant's physician would need to certify that the participant's health would be endangered from the travel to Missouri.

4. No fiscal year end Missouri Medicaid cost report will be required from the out of state nursing facility nor will there be any requirement for Missouri conducted periodic audits.

5. The Title XIX reimbursement rate for out of state providers shall be set as follows:

A. For out of state providers which provided services for Missouri Title XIX participants, the reimbursement rate shall be the lower of

(I) The weighted average MO HealthNet rate for comparable services at the beginning of the state fiscal year in which the provider enters the MO HealthNet program; or

(II) The rate paid to the out of state nursing facility for comparable services by the state in which the provider is located. The out of state provider must notify the division of any reimbursement changes made by its state Medicaid agency. The provider must also include a copy of the rate letter issued by their state Medicaid agency detailing the rate and effective date. The effective date of the rate change is as follows:

(a) Rate increases If the provider notifies the division within thirty (30) days of receipt of notification from their state of the per diem rate increase, the effective date of the rate increase for purposes of reimbursement from Missouri shall be the same date as indicated in the issuing state's rate letter. If the division does not receive written notification from the provider within thirty (30) days of the date the provider received notification from their state of the rate increase, the effective date of the rate increase for purposes of reimbursement from Missouri shall be the first day of the month following the date the division receives notification; or

(b) Rate decreases The effective date of the rate decrease for purposes of reimbursement from Missouri shall be the same date as indicated in the issuing state's rate letter.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 70—MO HealthNet Division
Chapter 25—Physician Program**

ORDER OF RULEMAKING

By the authority vested in the Department of Social Services, MO HealthNet Division, under section 208.152, RSMo Supp. 2020, and sections 208.153, 208.201, and 660.017, RSMo 2016, the division amends a rule as follows:

13 CSR 70-25.110 Payment for Early Periodic Screening, Diagnostic, and Treatment Program Services is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 1, 2021 (46 MoReg 623 624). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**Title 13—DEPARTMENT OF SOCIAL SERVICES
Division 70—MO HealthNet Division
Chapter 90—Home Health Program**

ORDER OF RULEMAKING

By the authority vested in the Department of Social Services, MO

HealthNet Division, under section 208.152, RSMo Supp. 2020, and sections 208.153, 208.201, and 660.017, RSMo 2016, the division hereby withdraws a proposed amendment as follows:

13 CSR 70-90.010 Home Health Care Services is withdrawn.

A notice of the proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 1, 2021 (46 MoReg 624). This proposed amendment is withdrawn.

SUMMARY OF COMMENTS: The Department of Social Services, MO HealthNet Division does not have General Assembly appropriations to implement this proposed amendment.

RESPONSE: As a result, the Department of Social Services, MO HealthNet Division is withdrawing this rulemaking.

Title 19—DEPARTMENT OF HEALTH AND SENIOR SERVICES

**Division 30—Division of Regulation and Licensure
Chapter 81—Certification**

ORDER OF RULEMAKING

By the authority vested in the Missouri Department of Health and Senior Services under sections 192.006, 192.2000, and 198.079, RSMo 2016, the department amends a rule as follows:

19 CSR 30 81.030 is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on February 16, 2021 (46 MoReg 334 357). Those sections with changes are reprinted here. This proposed amendment becomes effective on **October 31, 2021**.

SUMMARY OF COMMENTS: The Department of Health and Senior Services received two (2) internal department comments and one (1) letter with four (4) comments on the proposed amendment.

COMMENT #1: Jessica Schaefer, a Public Health Program Supervisor for the department, commented the home and community based algorithm incorrectly identified a coding combination as nine (9) points instead of eighteen (18) points in the safety section. As published, it shows "If Safety Score of 3 AND Age 75 or greater AND Institutionalization Then LOC = 9." The "LOC" should be "Then LOC = 18 *TRIGGER." Ms. Schaefer indicated the oversight allowed for less points instead of more and while form DHSS DRL 109 (10 20) Nursing Facility Level of Care Assessment reflects the correct points, it was not adjusted on the algorithm.

RESPONSE AND EXPLANATION OF CHANGE: The department agrees and finds this error to be an oversight and not a substantive change. The department has revised the safety section to correct the typographical error regarding the level of care point score referenced in this comment. These changes were made to the document titled "Missouri Department of Health and Senior Services Home and Community Based Services InterRAI Home Care Assessment System (HC), © InterRAI Level of Care Algorithm" included herein section (6).

COMMENT #2: Travis West, Bureau Chief for the department, commented the safety category of home and community based algorithm should more closely align with the format of the other categories. As published, it shows "Age 75 or greater" and "institutionalization" as parts of the algorithm; however, for formatting consistency the associated InterRAI questions should replace the generic terms "institutionalization" and "age 75 or greater" for each applicable part of the algorithm.

RESPONSE AND EXPLANATION OF CHANGE: The department agrees and finds this change to be a formatting error and not a substantive change. The InterRAI specific questions were already present in the definitions section and are not new additions or changes to the algorithm submitted previously. The department has revised the safety section to include “B4a=1 **or** B4b=1 **or** B4c=1 **or** B4d=1 **or** B4e=1” for all areas of the algorithm published as “institutionalization” and “A3 = Age of 75 or greater” for all areas published as “Age 75 or greater”. These changes were made to the document titled “Missouri Department of Health and Senior Services Home and Community Based Services InterRAI Home Care Assessment System (HC), © InterRAI Level of Care Algorithm” included herein section (6).

COMMENT #3: Legal Services of Eastern Missouri comments that the two (2) tools used by the department to assess level of care in the home and community based population and the long term care population are not comparable. Legal Services states that the two (2) tools rely on different formats, questions, and scoring methodologies. Legal Services also states that home and community based initial assessments are performed by department staff while long term care assessments are completed by providers and approved by the department. Legal Services suggests that it is much easier to establish level of care for long term care residents than individuals attempting to establish eligibility through home and community based services which promotes institutionalization of people in long term care facilities rather than allowing people to remain in their homes.

RESPONSE: The tools used to assess the level of care for home and community based clients and long term care residents are comparable. Both of these tools assess the same twelve (12) categories (e.g. behavioral, cognition, mobility etc....); however, one (1) tool is tailored for the home and community based population and one (1) tool is tailored for the long term care population. Historically, Missouri and most other states have utilized different assessment tools for the home and community based and long term care populations. This is common practice for states to utilize separate tools in order to best meet the needs of the different populations. For example, home and community based clients are evaluated using the InterRAI HC. The InterRAI HC is not only an assessment tool to determine level of care eligibility, but it is also a means to determine unmet needs during the person centered care planning process. The InterRAI HC is specifically designed and used internationally for the home and community based/home care population. Next, the department agrees that the information for the long term care level of care assessment is gathered by another entity; however, the department disagrees that it is easier to establish eligibility for long term care residents. When necessary upon review, department staff obtain further information in order to ensure the accuracy of the level of care assessment. The department reviews each assessment conducted on long term care residents and the final determination as to level of care eligibility is made by the department. Finally, long term care residents are evaluated as to their intention and ability to reenter the community in order to prohibit institutionalization from occurring with long term care residents. In conclusion, the department disagrees that it is easier to establish level of care eligibility for long term care residents as compared to home and community based clients and that the department is promoting institutionalization for all of the reasons set forth above. No changes have been made as a result of this comment.

COMMENT #4: Legal Services of Eastern Missouri comments that the proposed amendment does not include the home and community based algorithm.

RESPONSE: The home and community based algorithm is included herein within 19 CSR 30 81.030(6) and was published in the *Missouri Register* on February 16, 2021. No changes have been made as a result of this comment.

COMMENT #5: Legal Services of Eastern Missouri comments that the implementation of this regulation prior to the end of the COVID 19 public health emergency violates maintenance of effort requirements of the Families First Coronavirus Response Act. Some participants in the Aged and Disabled Waiver receive Medicaid benefits solely as a result of their participation in the waiver because of their eligibility as a special home and community based waiver group which allows a higher income. These changes in the proposed amendment may terminate waiver eligibility for these participants and the participants will lose their Medicaid benefits.

RESPONSE: The Centers for Medicare and Medicaid Services has clarified in their official guidance from November 2020 that closing services for participants no longer meeting functional eligibility for home and community based services does not violate the Families First Coronavirus Response Act. Disenrollment from home and community based services due to not meeting the transformed level of care would not change the individual's Medicaid eligibility group. The department will continue to coordinate with the Department of Social Services, Family Support Division to ensure participants remain active in their existing eligibility group until the enhanced federal medical assistance period ends despite the loss of eligibility for home and community based services. No changes have been made as a result of this comment.

COMMENT #6: Legal Services of Eastern Missouri comments that analyses provided by the department show that approximately eleven thousand nine hundred twenty three (11,923) currently eligible people will lose access to home and community based services as a result of the proposed amendment. Due to the pandemic, Legal Services does not feel this is the best time to make changes to the level of care process for the home and community based population. Legal Services of Eastern Missouri also does not feel the final draft 2.3 has been analyzed.

RESPONSE: The department is obligated to ensure home and community based services are available as an alternative to those otherwise requiring nursing facility placement. The department has conducted hundreds of in depth case studies in addition to the Mercer data analysis. These case studies were both randomly selected from the entire participant population and also conducted on specific populations based on concerns of condition. The department also asked all stakeholders and home and community based providers to analyze the participants they serve to ensure those identified as potentially no longer eligible would not be at risk of entering a skilled nursing facility. Criteria modifications were made throughout the level of care transformation process using these participant specific examples. The department continues to encourage stakeholders to test and analyze the criteria utilizing their current participant population. The department will continue to work with these stakeholders and make future adjustments to 19 CSR 30 81.030 based on the information the department receives from these stakeholders. Further, an analysis of the final draft 2.3 was conducted by the department and no negative impact was indicated for any current populations. Finally, the department believes that the changes made to the level of care process will benefit numerous individuals that would not have previously qualified for services. No changes have been made as a result of this comment.

19 CSR 30-81.030 Evaluation and Assessment Measures for Title XIX Recipients and Applicants

Missouri Department of Health and Senior Services Home and Community Based Services InterRAI Home Care Assessment System (HC), © InterRAI Level of Care Algorithm



**Missouri Department Of Health And Senior Services
Home and Community Based Services
InterRAI Home Care Assessment System (HC), © InterRAI
Level of Care Algorithm**

Behavioral:

E3a - Wandering
E3c - Physical Abuse
E3d - Socially Inappropriate / Disruptive
E3e - Inappropriate Public Sexual Behavior
E3f - Resists Care
J3g - Abnormal Thought Process
J3h - Delusions
J3i - Hallucinations
N7b - Mental Condition

If (N7b=1)
OR (E3a=1)
OR (E3c=1)
OR (E3d=1)
OR (E3e=1)
OR (E3f=1)
OR (J3g=1)
OR (J3h=1)
OR (J3i=1)
Then LOC = 3

If (N7b=2 **or** N7b=3)
OR (E3a=2 **or** E3a=3)
OR (E3c=2 **or** E3c=3)
OR (E3d=2 **or** E3d=3)
OR (E3e=2 **or** E3e=3)
OR (E3f=2 **or** E3f=3)
OR (J3g=2 **or** J3g=3 **or** J3g=4)
OR (J3h=2 **or** J3h=3 **or** J3h=4)
OR (J3i=2 **or** J3i=3 **or** J3i=4)
Then LOC = 6

If (N7b=2 **or** N7b=3)
AND
(E3a=3)
OR (E3c=3)
OR (E3d=3)
OR (E3e=3)
OR (E3f=3)
OR (J3g=3 **or** J3g=4)
OR (J3h=3 **or** J3h=4)
OR (J3i=3 **or** J3i=4)
Then LOC = 9



Missouri Department Of Health And Senior Services
Home and Community Based Services
InterRAI Home Care Assessment System (HC), © InterRAI
Level of Care Algorithm

Cognition:

C1	-	Cognitive Skills
C2a	-	Short Term Memory
C2b	-	Procedural Memory
C2c	-	Situational Memory
C3c	-	Mental Function
D1	-	Making Self Understood
D2	-	Ability to Understand Others

If (C1=1 **or** C1=2)
AND
 (C2a=1)
OR (C2b=1)
OR (C2c=1)
OR (C3c=1 **or** C3c=2)
OR (D1=2 **or** D1=3 **or** D1=4)
OR (D2=2 **or** D2=3 **or** D2=4)

Then LOC = 3

If (C1=3)
AND
 (C2a=1)
OR (C2b=1)
OR (C2c=1)
OR (C3c=1 **or** C3c =2)
OR (D1=3)
OR (D2=3)

Then LOC = 6

If (C1=3)
AND
 (D1=4)
OR (D2=4)
OR
 (C1=4)

Then LOC = 9

If (C1=5)
 Then LOC = 18 *TRIGGER

Mobility:

G2f	-	Locomotion
G2i	-	Bed Mobility
G3a	-	Primary mode of locomotion



**Missouri Department Of Health And Senior Services
Home and Community Based Services
InterRAI Home Care Assessment System (HC), © InterRAI
Level of Care Algorithm**

If (G2f=3 **or** G2f=4)

OR

(G2i=3 **or** G2i=4)

Then LOC = 3

If (G2f=5)

OR

(G2i=5 **or** G2i=6)

Then LOC = 6

If (G3a=3)

OR

(G2f=6)

Then LOC = 18 *TRIGGER

Eating:

G2j - Eating

K2e - Therapeutic Diet

If (G2j=1 **or** G2j=2 **or** G2j=3)

OR

(K2e=1)

Then LOC = 3

If (G2j=4)

Then LOC = 6

If (G2j=5)

Then LOC = 9

If (G2j=6)

Then LOC = 18 *TRIGGER

Toileting:

G2g - Transfer Toilet

G2h - Toilet Use

If (G2g=3 **or** G2g=4)

OR

(G2h=3 **or** G2h=4)

Then LOC = 3

If (G2g=5)

OR



Missouri Department Of Health And Senior Services
Home and Community Based Services
InterRAI Home Care Assessment System (HC), © InterRAI
Level of Care Algorithm

(G2h=5)
 Then LOC = 6

If (G2g=6)
OR
 (G2h=6)
 Then LOC = 9

Bathing:

G2a - Bathing

If (G2a=3 **or** G2a=4)
 Then LOC = 3

If (G2a=5 **or** G2a=6)
 Then LOC = 6

Dressing and Grooming:

G2b - Personal Hygiene
 G2c - Dressing Upper Body
 G2d - Dressing Lower Body

If (G2b=3 **or** G2b=4)
OR
 (G2c =3 **or** G2c=4)
OR
 (G2d=3 **or** G2d=4)
 Then LOC = 3

If (G2b=5 **or** G2b=6)
OR
 (G2c=5 **or** G2c=6)
OR
 (G2d=5 **or** G2d=6)
 Then LOC = 6

Rehabilitation:

N3ea - Physical Therapy
 N3fa - Occupational Therapy
 N3ga - Speech-Language Pathology and Audiology Services
 N3ia - Cardiac Rehabilitation

If (N3ea = 1)
OR



**Missouri Department Of Health And Senior Services
Home and Community Based Services
InterRAI Home Care Assessment System (HC), © InterRAI
Level of Care Algorithm**

(N3fa = 1)

OR

(N3ga = 1)

OR

(N3ia = 1)

Then LOC = 3

If (N3ea = 2 **or** N3ea = 3)

OR

(N3fa = 2 **or** N3fa = 3)

OR

(N3ga = 2 **or** N3ga = 3)

OR

(N3ia = 2 **or** N3ia = 3)

Then LOC = 6

If (N3ea = 4 **or** N3ea = 5 **or** N3ea = 6 **or** N3ea = 7)

OR

(N3fa = 4 **or** N3fa = 5 **or** N3fa = 6 **or** N3fa = 7)

OR

(N3ga = 4 **or** N3ga = 5 **or** N3ga = 6 **or** N3ga = 7)

OR

(N3ia = 4 **or** N3ia = 5 **or** N3ia = 6 **or** N3ia = 7)

Then LOC = 9

Treatments:

H1	-	Bladder Continence
H2	-	Urinary Collection Device
H3	-	Bowel Continence
K3	-	Mode of Nutrition
L1	-	Pressure Ulcer Severity
L3	-	Presence of Skin Ulcer
L4	-	Major Skin Problems
L5	-	Skin Tears or Cuts
N2g	-	Suctioning
N2h	-	Tracheostomy Care
N2j	-	Ventilator or Respirator
N2k	-	Wound Care

If (H1=1)

OR

(H2=1 **or** H2=2 **or** H2=3)

OR

(H3=1)

OR

(K3=5 **or** K3=6 **or** K3=7 **or** K3=8)



**Missouri Department Of Health And Senior Services
Home and Community Based Services
InterRAI Home Care Assessment System (HC), © InterRAI
Level of Care Algorithm**

OR

(N2g=1 **or** N2g=2 **or** N2g=3 **or** N2g=4)

OR

(N2h=1 **or** N2h=2 **or** N2h=3 **or** N2h=4)

OR

(N2j=1 **or** N2j=2 **or** N2j=3 **or** N2j=4)

OR

(N2k=1 **or** N2k=2 **or** N2k=3 **or** N2k=4)

AND

(L1=2 **or** L1=3 **or** L1=4 or L1=5 **or** L1=6)

OR

(L3=1)

OR

(L4=1)

OR

(L5=1)

Then LOC = 6

Medication Management:

G1d - Managing Medications

If (G1d=1 **or** G1d=2 **or** G1d=3 **or** G1d=4)
Then LOC = 3

If (G1d=5 **or** G1d=6)
Then LOC = 6

Meal Preparation:

G1a - Meal Prep

If (G1a=3 **or** G1a=4)
Then LOC= 3

If (G1a=5 **or** G1a=6)
Then LOC = 6

Safety:

Part I – Determine if the individual exhibits any of the following risk factors.

D4 - Vision

J1 - Falls

J3a - Problem frequency to move to standing position

J3b - Problem frequency to turn to face opposite direction

J3c - Problem frequency for dizziness



Missouri Department Of Health And Senior Services
Home and Community Based Services
InterRAI Home Care Assessment System (HC), © InterRAI
Level of Care Algorithm

J3d - Problem frequency for unsteady gait

If

(D4=3)

OR

(J1=1 **or** J1=2 **or** J1=3)

OR

(J3a=2 **or** J3a=3 **or** J3a=4)

OR

(J3b=2 **or** J3b=3 **or** J3b=4)

OR

(J3c=2 **or** J3c=3 **or** J3c=4)

OR

(J3d=2 **or** J3d=3 **or** J3d=4)

Then LOC = 3

If (D4=4)

OR (J1=1 **or** J1=2 **or** J1=3 **or** D4=3)

AND

(J3a=2 **or** J3a=3 **or** J3a=4)

OR

(J3b=2 **or** J3b=3 **or** J3b=4)

OR

(J3c=2 **or** J3c=3 **or** J3c=4)

OR

(J3d=2 **or** J3d=3 **or** J3d=4)

Then LOC = 6

Part II – After calculating the score in part 1, determine if the individual is age 75 or greater or has been previously institutionalized in the last 5 years in one of the settings outlined below. If so, increase the score as outlined to calculate the final safety score. If they do not have either of the additional risk factors, use the score calculated in part 1.

A3 - Birthdate

B4a - Long Term Care Facility

B4b - RCF/ALF

B4c - Mental Health Residence

B4d - Psychiatric Hospital or Unit

B4e - Settings for Persons with Intellectual Disability

If Safety Score of 0

AND

A3=Age of 75 or greater

OR

(B4a 1 **or** B4b 1 **or** B4c 1 **or** B4d 1 **or** B4e 1)

Then LOC = 3



**Missouri Department Of Health And Senior Services
Home and Community Based Services
InterRAI Home Care Assessment System (HC), © InterRAI
Level of Care Algorithm**

If Safety score of 0
AND
A3=Age of 75 or greater
AND
(B4a 1 **or** B4b 1 **or** B4c 1 **or** B4d 1 **or** B4e 1)
Then LOC =6

If Safety Score of 3
AND
A3=Age of 75 or greater
OR
(B4a 1 **or** B4b 1 **or** B4c 1 **or** B4d 1 **or** B4e 1)
Then LOC = 6

If Safety score of 6
AND
(B4a 1 **or** B4b 1 **or** B4c 1 **or** B4d 1 **or** B4e 1)
Then LOC=9

If Safety Score of 3
AND
A3=Age of 75 or greater
AND
(B4a 1 **or** B4b 1 **or** B4c 1 **or** B4d 1 **or** B4e 1)
Then LOC = 18 *TRIGGER

If Safety score of 6
AND
A3=Age of 75 or greater
Then LOC = 18 *TRIGGER

This section may contain notice of hearings, correction notices, public information notices, rule action notices, statements of actual costs, and other items required to be published in the *Missouri Register* by law.

Title 20—DEPARTMENT OF COMMERCE AND INSURANCE
Division 1135—State Banking Board
NON-SUBSTANTIVE CHANGE REQUEST

The Division of Finance requests that the secretary of state make a non substantive change to the following rule(s) in accordance with the provisions of section 536.032, RSMo 2016. The name of the department was changed from the Department of Insurance, Financial Institutions and Professional Registration to the Department of Commerce and Insurance.

20 CSR 1135-1 Organization and Description
Cover page heading, chapter heading

20 CSR 1135-2 Hearings
Cover page heading, chapter heading

This change will appear in the July 31, 2021 update to the *Code of State Regulations*.

Title 20—DEPARTMENT OF COMMERCE AND INSURANCE
Division 1140—Division of Finance
NON-SUBSTANTIVE CHANGE REQUEST

The Division of Finance requests that the secretary of state make a non substantive change to the following rule(s) in accordance with the provisions of section 536.032, RSMo 2016. The name of the department was changed from the Department of Insurance, Financial Institutions and Professional Registration to the Department of Commerce and Insurance.

20 CSR 1140-1 Organization and Description of Division
Cover page heading, chapter heading

20 CSR 1140-2 Banks and Trust Companies
Cover page heading, chapter heading

20 CSR 1140-3 Retail Credit Sales
Cover page heading, chapter heading

20 CSR 1140-4 Motor Vehicle Time Sales
Cover page heading, chapter heading

20 CSR 1140-5 Small Loan Companies
Cover page heading, chapter heading

20 CSR 1140-6 Interpretive Rulings
Cover page heading, chapter heading

20 CSR 1140-9 County Issuance of Revenue Bonds
Cover page heading, chapter heading

20 CSR 1140-10 Bank Holding Companies
Cover page heading, chapter heading

20 CSR 1140-11 Section 500 Companies
Cover page heading, chapter heading

20 CSR 1140-12 Sale of Checks (Money Order) Licensees
Cover page heading, chapter heading

20 CSR 1140-13 Section 408.510 Companies
Cover page heading, chapter heading

20 CSR 1140-14 General Association Rules
Cover page heading, chapter heading

20 CSR 1140-15 Operations of Associations
Cover page heading, chapter heading

20 CSR 1140-16 Association Branches and Other Facilities
Cover page heading, chapter heading

20 CSR 1140-17 Association Reserves and Liquidity
Cover page heading, chapter heading

20 CSR 1140-18 Administrative Procedures
Cover page heading, chapter heading

20 CSR 1140-19 Association Appraisal Rules
Cover page heading, chapter heading

20 CSR 1140-20 Association Loans
Cover page heading, chapter heading

20 CSR 1140-21 Association's Source of Borrowed Money and Authorized Investments
Cover page heading, chapter heading

20 CSR 1140-22 Association's Savings Accounts
Cover page heading, chapter heading

20 CSR 1140-23 Association's Service Corporations
Cover page heading, chapter heading

20 CSR 1140-24 Miscellaneous Association Rules
Cover page heading, chapter heading

20 CSR 1140-25 Association's Electronic Fund Transfer System
Cover page heading, chapter heading

20 CSR 1140-26 Interstate Activity by Associations
Cover page heading, chapter heading

20 CSR 1140-27 Association Trust Powers
Cover page heading, chapter heading

20 CSR 1140-28 Stock Associations
Cover page heading, chapter heading

20 CSR 1140-29 Title Loan Companies
Cover page heading, chapter heading

20 CSR 1140-30 Mortgage Broker and Originator Rules
Cover page heading, chapter heading

20 CSR 1140-31 Residential Mortgage Board
Cover page heading, chapter heading

This change will appear in the July 31, 2021 update to the *Code of State Regulations*.

**Title 20—DEPARTMENT OF COMMERCE AND
INSURANCE**
Division 1140—Division of Finance
Chapter 4—Motor Vehicle Time Sales

NON-SUBSTANTIVE CHANGE REQUEST

The Division of Finance requests that the secretary of state make a non substantive change to the following rule(s) in accordance with the provisions of section 536.032, RSMo 2016. The Division of Finance was transferred from the Department of Economic Development to the (now) Department of Commerce and Insurance.

20 CSR 1140-4.020 Recordkeeping

Purpose

20 CSR 1140-4.030 Licensing

Purpose

This change will appear in the July 31, 2021 update to the *Code of State Regulations*.

The Secretary of State is required by sections 347.141 and 359.481, RSMo, to publish dissolutions of limited liability companies and limited partnerships. The content requirements for the one-time publishing of these notices are prescribed by statute. This listing is published pursuant to these statutes. We request that documents submitted for publication in this section be submitted in camera ready 8 1/2" x 11" manuscript by email to adrules.dissolutions@sos.mo.gov.

**NOTICE OF WINDING UP AND DISSOLUTION
TO ALL CREDITORS OF AND CLAIMANTS AGAINST
JMJ FARMS, L.L.C.**

On December 4, 2020, JMJ Farms, L.L.C., a Missouri limited liability company, filed its Notice Of Winding Up For Limited Liability Company with the Missouri Secretary of State effective the date of filing.

Any and all claims against JMJ Farms, L.L.C., must be sent to JMJ Farms, L.L.C., Attn: James M. Thurmond, Jr., 260 W. Highway 62, P.O. Box 97, Charleston, Missouri 63834. Each claim should include the following information: the name, address and telephone number of the claimant; the amount of the claim; the basis for the claim; documentation supporting the claim; and the date(s) on which the event(s) on which the claim is based occurred.

Any and all claims against JMJ Farms, L.L.C., will be barred unless a proceeding to enforce such claim is commenced within three years after the date this notice is published.

**NOTICE OF DISSOLUTION
TO ALL CREDITORS OF AND CLAIMANTS AGAINST
MISSISSIPPI COUNTY ABSTRACT & LOAN COMPANY**

Mississippi County Abstract & Loan Company, a Missouri corporation, filed its Articles of Dissolution by Voluntary Action with the Missouri Secretary of State on April 23, 2021. The dissolution was effective on that date.

Any and all claims against Mississippi County Abstract & Loan Company must be sent to Mississippi County Abstract & Loan Company, Attn: Hazel Williams, 903 Sherman St., Charleston, Missouri 63834. Each claim should include the following information: the name, address and telephone number of the claimant; the amount of the claim; the basis for the claim; documentation supporting the claim; and the date(s) on which the event(s) on which the claim is based occurred.

Any and all claims against Mississippi County Abstract & Loan Company will be barred unless a proceeding to enforce such claim is commenced within two years after the date this notice is published.

**NOTICE OF DISSOLUTION
TO ALL CREDITORS OF AND CLAIMANTS AGAINST
THURMOND FARMS, INC.**

Thurmond Farms, Inc., a Missouri corporation, filed its Articles of Dissolution by Voluntary Action with the Missouri Secretary of State on October 30, 2020. The dissolution was effective on that date.

Any and all claims against Thurmond Farms, Inc., must be sent to Thurmond Farms, Inc., Attn: James M. Thurmond, Jr., 260 W. Highway 62, P.O. Box 97, Charleston, Missouri 63834. Each claim should include the following information: the name, address and telephone number of the claimant; the amount of the claim; the basis for the claim; documentation supporting the claim; and the date(s) on which the event(s) on which the claim is based occurred.

Any and all claims against Thurmond Farms, Inc., will be barred unless a proceeding to enforce such claim is commenced within two years after the date this notice is published.

**NOTICE OF CORPORATE DISSOLUTION
TO ALL CREDITORS OF AND
CLAIMANTS AGAINST
BROOKS-HERVEY PROPERTIES, LLC**

On June 8, 2021, BROOKS-HERVEY PROPERTIES, LLC, a Missouri limited liability company, filed its Notice of Winding Up with the Missouri Secretary of State. Dissolution was effective on June 4, 2021.

Said corporation requests that all persons and organizations who have claims against it present them immediately by letter to the corporation at:

BROOKS-HERVEY PROPERTIES, LLC
Attn: Denise B. Hervey
830 De Mun Avenue, #301
St. Louis, MO 63105

Or

Maggie A. Toman, Esq.
Sandberg Phoenix & von Gontard P.C.
600 Washington Ave – 15th Floor
St. Louis, MO 63101

All claims must include the name and address of the claimant; the amount claimed; the basis for the claim; and the date(s) on which the event(s) on which the claim is based occurred.

NOTICE: Because of the dissolution of BROOKS-HERVEY PROPERTIES, LLC, any claims against it will be barred unless a proceeding to enforce the claim is commenced within three years after the date of publication of this notice.

**NOTICE OF DISSOLUTION OF LIMITED LIABILITY COMPANY TO ALL
CREDITORS AND CLAIMANTS AGAINST RIVER BEND INVESTMENT, LLC**

On June 4, 2021, River Bend Investment, LLC, a Missouri limited liability company, filed a Notice of Winding Up for Limited Liability Company with the Missouri Secretary of State.

You are hereby notified that if you believe you have a claim against River Bend Investment, LLC, you must submit a summary in writing of the circumstances surrounding your claim against River Bend Investment, LLC to: Layton & Southard LLC, Attn: John A. Layton, 1650 North Kingshighway, Suite 302, Cape Girardeau, MO 63701. The summary of your claim must include the following information: (1) the name, address and telephone number of the claimant, (2) the amount of the claim, (3) the date of the event on which the claim is based occurred, and (4) a brief description of the nature of the debt or the basis for the claim.

All claims against River Bend Investment, LLC will be barred unless the proceeding to enforce the claim is commenced within three (3) years after the publication of this notice.

NOTICE TO ALL CREDITORS OF AND CLAIMANTS AGAINST BDC PARTNERSHIP, LLC

BDC Partnership, LLC, a Missouri limited liability company (the "Company"), filed its Notice of Winding Up with the Missouri Secretary of State.

All claims against the Company should be presented in accordance with this notice. Claims should be in writing and sent to the Company at this mailing address:

BDC Partnership, LLC
Walter M. Brauer II
17143 Portland Crest Ct.
Wildwood, MO 63038-1363

The claim must contain: (1)the name, address and telephone number of the claimants; (2)the amount of the claim or other relief demanded: (3)the basis of the claim and any documents related to the claim; and (4) the date(s) as of which the event(s) on which the claim is based occurred. Any and all claims against the Company will be barred unless a proceeding to enforce the claim is commenced within ninety days after the publication of this notice.

**NOTICE OF WINDING UP FOR
CLIMATE CONTROLLED STORAGE OF FORISTELL, LLC**

On June 14, 2021, Climate Controlled Storage of Foristell, LLC, a Missouri limited liability company (the "Company"), filed its Notice of Winding Up with the Missouri Secretary of State. All persons and organizations with claims against the Company must submit a written summary of any claims against the Company to CLIMATE CONTROLLED STORAGE OF FORISTELL, LLC, c/o THE LAW OFFICE OF JESSE A. GRANNEMAN, LLC, 20 Manor Drive, P.O. Box 250, Troy, Missouri 63379, which summary shall include the name, address, and telephone number of the claimant, the amount of the claim, date(s) the claim accrued, a brief description of the nature and basis for the claim, and any documentation of the claim. Claims against the Company will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the publication of this notice.

**NOTICE OF DISSOLUTION TO ALL CREDITORS OF AND ALL CLAIMANTS AGAINST
R. H. SEWING CORPORATION, INC.**

On May 26, 2021, R. H. Sewing Corporation, Inc., a Missouri corporation, registered its Articles of Dissolution by Voluntary Action with the Missouri Secretary of State.

Claims against the Company should be mailed to: Statler Lawyers, c/o Erin C. Bradley, 107 S. Broadview Street, Cape Girardeau, MO 63703.

A claim must include: (1) the name, address, and telephone number of the claimant; (2) the amount of the claim; (3) the basis for the claim; (4) documentation to support the claim; (5) the date on which the event on which the claim is based occurred.

NOTICE: All claims against R. H. Sewing Corporation, Inc. will be barred unless a proceeding to enforce the claim is commenced within two years after the publication of the notices authorized by statute, whichever is published last.

**NOTICE OF WINDING UP
TO ALL CREDITORS OF AND CLAIMANTS AGAINST
1718 S. 8TH STREET INVESTMENT, LLC**

On June 3, 2021, 1718 S. 8th Street Investment, LLC a Missouri limited liability company (the "Company"), filed its Notice of Winding Up for a Limited Liability Company with the Missouri Secretary of State. Company requests that all persons and organizations who have claims against it present them immediately by letter to Company c/o Danna McKitrick, P.C. 7701 Forsyth Blvd., Suite 1200, St. Louis, MO 63105, attention Ronald N. Danna Esq.

All claims must include the following information: (a) name and address of the claimant, (b) the amount claimed, (c) date on which the claim arose, (d) basis for the claim and documentation thereof, and (e) whether or not the claim was secured and, if so, the collateral used as security.

All claims against Company will be barred unless a proceeding to enforce the claim is commenced within (three (3) years for LLC and two (2) years for CO) after the date of publication of this notice.

This cumulative table gives you the latest status of rules. It contains citations of rulemakings adopted or proposed after deadline for the monthly Update Service to the *Code of State Regulations*, citations are to volume and page number in the *Missouri Register*, except for material in this issue. The first number in the table cite refers to the volume number or the publication year. 43 (2018) and 44 (2019). MoReg refers to *Missouri Register* and the numbers refer to a specific *Register* page, R indicates a rescission, W indicates a withdrawal, S indicates a statement of actual cost, T indicates an order terminating a rule, N.A. indicates not applicable, RAN indicates a rule action notice, RUC indicates a rule under consideration, and F indicates future effective date.

Rule Number	Agency	Emergency	Proposed	Order	In Addition
OFFICE OF ADMINISTRATION					
1 CSR 10	State Officials' Salary Compensation Schedule				45 MoReg 1926
1 CSR 10 15.010	Commissioner of Administration	46 MoReg 109	46 MoReg 187	46 MoReg 879	
1 CSR 20 5.020	Personnel Advisory Board and Division of Personnel	46 MoReg 39T			
DEPARTMENT OF AGRICULTURE					
2 CSR 30 10.010	Animal Health	46 MoReg 393	46 MoReg 397	This Issue	
2 CSR 70 17.010	Plant Industries	46 MoReg 1039	46 MoReg 1049		
2 CSR 70 17.100	Plant Industries	46 MoReg 1039	46 MoReg 1049		
2 CSR 80 5.010	State Milk Board		46 MoReg 1000		
2 CSR 90 30.040	Weights, Measures and Consumer Protection		46 MoReg 753		
DEPARTMENT OF CONSERVATION					
3 CSR 10 4.111	Conservation Commission		46 MoReg 397	46 MoReg 1082	
3 CSR 10 4.135	Conservation Commission		46 MoReg 398	46 MoReg 1082	
3 CSR 10 6.550	Conservation Commission		46 MoReg 398	46 MoReg 1082	
3 CSR 10 6.605	Conservation Commission		46 MoReg 398	46 MoReg 1083	
3 CSR 10 7.405	Conservation Commission		46 MoReg 10	46 MoReg 768	
3 CSR 10 7.410	Conservation Commission		46 MoReg 11	46 MoReg 768	
3 CSR 10 7.433	Conservation Commission			46 MoReg 1083	
3 CSR 10 7.434	Conservation Commission			46 MoReg 1084	
3 CSR 10 7.435	Conservation Commission			46 MoReg 1084	
3 CSR 10 7.437	Conservation Commission			46 MoReg 1085	
3 CSR 10 7.439	Conservation Commission		46 MoReg 399	46 MoReg 1085	
3 CSR 10 7.440	Conservation Commission			46 MoReg 769	
3 CSR 10 7.600	Conservation Commission			46 MoReg 1085	
3 CSR 10 7.705	Conservation Commission			46 MoReg 770	
3 CSR 10 7.710	Conservation Commission			46 MoReg 770	
3 CSR 10 7.900	Conservation Commission			46 MoReg 771	
3 CSR 10 7.905	Conservation Commission			46 MoReg 771	
3 CSR 10 9.105	Conservation Commission		46 MoReg 399	46 MoReg 1086	
3 CSR 10 9.110	Conservation Commission		46 MoReg 404	46 MoReg 1086	
3 CSR 10 9.220	Conservation Commission		46 MoReg 404	46 MoReg 1086	
3 CSR 10 9.223	Conservation Commission		46 MoReg 407	46 MoReg 1086	
3 CSR 10 9.230	Conservation Commission		46 MoReg 407	46 MoReg 1087	
3 CSR 10 9.240	Conservation Commission		46 MoReg 408	46 MoReg 1087	
3 CSR 10 9.250	Conservation Commission		46 MoReg 408	46 MoReg 1087	
3 CSR 10 9.350	Conservation Commission		46 MoReg 408	46 MoReg 1087	
3 CSR 10 9.351	Conservation Commission		46 MoReg 409	46 MoReg 1087	
3 CSR 10 9.352	Conservation Commission		46 MoReg 411	46 MoReg 1087	
3 CSR 10 9.353	Conservation Commission		46 MoReg 413	46 MoReg 1088	
3 CSR 10 9.354	Conservation Commission		46 MoReg 415	46 MoReg 1088	
3 CSR 10 9.359	Conservation Commission		46 MoReg 420	46 MoReg 1089	
3 CSR 10 9.360	Conservation Commission		46 MoReg 420	46 MoReg 1089	
3 CSR 10 9.370	Conservation Commission		46 MoReg 421	46 MoReg 1089	
3 CSR 10 9.371	Conservation Commission		46 MoReg 424	46 MoReg 1090	
3 CSR 10 9.372	Conservation Commission		46 MoReg 429	46 MoReg 1090	
3 CSR 10 9.442	Conservation Commission		46 MoReg 429	46 MoReg 1090	
3 CSR 10 9.560	Conservation Commission		46 MoReg 429	46 MoReg 1090	
3 CSR 10 9.565	Conservation Commission		46 MoReg 430	46 MoReg 1090	
3 CSR 10 9.566	Conservation Commission		46 MoReg 434	46 MoReg 1092	
3 CSR 10 10.725	Conservation Commission		46 MoReg 434	46 MoReg 1092	
3 CSR 10 10.739	Conservation Commission		46 MoReg 434	46 MoReg 1092	
3 CSR 10 10.744	Conservation Commission		46 MoReg 435	46 MoReg 1093	
3 CSR 10 10.767	Conservation Commission		46 MoReg 435	46 MoReg 1093	
3 CSR 10 11.186	Conservation Commission		46 MoReg 436	46 MoReg 1093	
3 CSR 10 12.109	Conservation Commission		46 MoReg 436	46 MoReg 1093	
3 CSR 10 12.110	Conservation Commission		46 MoReg 436	46 MoReg 1093	
3 CSR 10 20.805	Conservation Commission		46 MoReg 437	46 MoReg 1093	
DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION					
5 CSR 20 100.230	Division of Learning Services		45 MoReg 1067 46 MoReg 47	45 MoReg 1913 46 MoReg 1002	
5 CSR 20 100.275	Division of Learning Services		46 MoReg 49	46 MoReg 1010	
5 CSR 20 300.110	Division of Learning Services			46 MoReg 879	
5 CSR 20 300.130	Division of Learning Services <i>moved to 5 CSR 30 660.095</i>		46 MoReg 926		
5 CSR 20 400.220	Division of Learning Services		46 MoReg 926		
5 CSR 20 400.360	Division of Learning Services		46 MoReg 1000R		
5 CSR 20 400.500	Division of Learning Services		46 MoReg 754		
5 CSR 20 400.620	Division of Learning Services		46 MoReg 316	46 MoReg 1012	
5 CSR 20 400.630	Division of Learning Services		46 MoReg 316	46 MoReg 1012	
5 CSR 30 640.200	Division of Financial and Administrative Services		46 MoReg 927		
5 CSR 30 660.080	Division of Financial and Administrative Services		46 MoReg 927		
5 CSR 30 660.085	Division of Financial and Administrative Services		46 MoReg 317R	46 MoReg 1013R	
5 CSR 30 660.095	Division of Financial and Administrative Services <i>formally 5 CSR 20 300.130</i>		46 MoReg 926		
5 CSR 30 680.080	Division of Financial and Administrative Services		46 MoReg 928		
5 CSR 100 200.135	Missouri Commission for the Deaf and Hard of Hearing		46 MoReg 50	46 MoReg 771	

Rule Changes Since UpdateJuly 15, 2021
Vol. 46, No. 14

Rule Number	Agency	Emergency	Proposed	Order	In Addition
5 CSR 100 200.150	Missouri Commission for the Deaf and Hard of Hearing		46 MoReg 437	46 MoReg 965	
DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT					
6 CSR 10 2.190	Commissioner of Higher Education and Workforce Development	46 MoReg 903			46 MoReg 970
MISSOURI DEPARTMENT OF TRANSPORTATION					
7 CSR	Notice of Periodic Rule Review				46 MoReg 1096
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS					
8 CSR	Notice of Periodic Rule Review				46 MoReg 1096
8 CSR 20 7.010	Labor and Industrial Relations Commission		46 MoReg 606R		
8 CSR 50 5.007	Division of Workers' Compensation	46 MoReg 305	46 MoReg 440	46 MoReg 1014	
8 CSR 50 6.010	Division of Workers' Compensation		46 MoReg 606R		
DEPARTMENT OF MENTAL HEALTH					
9 CSR	Notice of Periodic Rule Review				46 MoReg 1096
9 CSR 30 3.032	Certification Standards		46 MoReg 1050		
9 CSR 30 3.100	Certification Standards		46 MoReg 1052R		
9 CSR 30 3.100	Certification Standards		46 MoReg 1052		
9 CSR 30 3.110	Certification Standards		46 MoReg 1054R		
9 CSR 30 3.132	Certification Standards		46 MoReg 1054		
9 CSR 30 3.132	Certification Standards		46 MoReg 1058R		
9 CSR 30 3.132	Certification Standards		46 MoReg 1058		
9 CSR 30 3.155	Certification Standards		46 MoReg 1064		
9 CSR 30 3.157	Certification Standards		46 MoReg 1065		
9 CSR 30 3.195	Certification Standards		46 MoReg 1066		
9 CSR 30 3.150	Certification Standards		46 MoReg 754		
9 CSR 50 2.010	Admission Criteria		46 MoReg 497	46 MoReg 1094	
9 CSR 50 2.510	Admission Criteria		46 MoReg 505	46 MoReg 1094	
DEPARTMENT OF NATURAL RESOURCES					
10 CSR	Notice of Periodic Rule Review				46 MoReg 1096
10 CSR 10 6.060	Air Conservation Commission				46 MoReg 970
10 CSR 10 6.376	Air Conservation Commission		46 MoReg 691		
10 CSR 20 7.031	Clean Water Commission		This Issue		
10 CSR 20 8.300	Clean Water Commission	46 MoReg 39	46 MoReg 318		
10 CSR 20 9.030	Clean Water Commission				46 MoReg 970
10 CSR 20 14.020	Clean Water Commission				46 MoReg 970
10 CSR 25 12.010	Hazardous Waste Management Commission				46 MoReg 971
10 CSR 25 12.020	Hazardous Waste Management Commission				46 MoReg 971
10 CSR 60 5.010	Safe Drinking Water Commission		46 MoReg 931		
10 CSR 60 5.020	Safe Drinking Water Commission		46 MoReg 932		
10 CSR 60 14.020	Safe Drinking Water Commission		46 MoReg 935		46 MoReg 971
10 CSR 60 16.010	Safe Drinking Water Commission				46 MoReg 971
10 CSR 60 16.030	Safe Drinking Water Commission				46 MoReg 971
10 CSR 140 2	Division of Energy				46 MoReg 972
DEPARTMENT OF PUBLIC SAFETY					
II CSR 30 13.010	Office of the Director <i>moved to II CSR 90 4.010</i>		46 MoReg 696		
II CSR 30 13.020	Office of the Director <i>moved to II CSR 90 4.020</i>		46 MoReg 696		
II CSR 30 13.030	Office of the Director <i>moved to II CSR 90 4.030</i>		46 MoReg 697		
II CSR 30 13.040	Office of the Director <i>moved to II CSR 90 4.040</i>		46 MoReg 697		
II CSR 30 13.050	Office of the Director <i>moved to II CSR 90 4.050</i>		46 MoReg 698		
II CSR 30 13.060	Office of the Director <i>moved to II CSR 90 4.060</i>		46 MoReg 698		
II CSR 30 13.070	Office of the Director <i>moved to II CSR 90 4.070</i>		46 MoReg 699		
II CSR 30 13.080	Office of the Director <i>moved to II CSR 90 4.080</i>		46 MoReg 700		
II CSR 30 13.090	Office of the Director <i>moved to II CSR 90 4.090</i>		46 MoReg 701		
II CSR 30 13.100	Office of the Director		46 MoReg 701R		
II CSR 30 13.110	Office of the Director <i>moved to II CSR 90 4.100</i>		46 MoReg 702		
II CSR 30 18.010	Office of the Director		46 MoReg 606		
II CSR 30 18.020	Office of the Director		46 MoReg 612		
II CSR 45 5.090	Missouri Gaming Commission		46 MoReg 758		
II CSR 45 5.110	Missouri Gaming Commission		46 MoReg 758		
II CSR 45 5.140	Missouri Gaming Commission		46 MoReg 758		
II CSR 45 9.108	Missouri Gaming Commission		46 MoReg 759		
II CSR 45 9.118	Missouri Gaming Commission		46 MoReg 759		
II CSR 45 12.090	Missouri Gaming Commission		46 MoReg 50	46 MoReg 965	
II CSR 50 2.020	Missouri State Highway Patrol		45 MoReg 1868	46 MoReg 772	
II CSR 50 2.030	Missouri State Highway Patrol		45 MoReg 1869	46 MoReg 772	
II CSR 50 2.080	Missouri State Highway Patrol		45 MoReg 1869	46 MoReg 772	
II CSR 50 2.090	Missouri State Highway Patrol		45 MoReg 1869	46 MoReg 772	
II CSR 50 2.160	Missouri State Highway Patrol		45 MoReg 1870	46 MoReg 772	
II CSR 50 2.200	Missouri State Highway Patrol		45 MoReg 1870	46 MoReg 772	
II CSR 50 2.270	Missouri State Highway Patrol		45 MoReg 1878	46 MoReg 773	
II CSR 50 2.300	Missouri State Highway Patrol		45 MoReg 1878	46 MoReg 773	
II CSR 50 2.310	Missouri State Highway Patrol		45 MoReg 1878	46 MoReg 773	
II CSR 50 2.340	Missouri State Highway Patrol		45 MoReg 1879R	46 MoReg 773R	
II CSR 75 16.010	Peace Officer Standards and Training Program		46 MoReg 321	46 MoReg 965	

Rule Number	Agency	Emergency	Proposed	Order	In Addition
11 CSR 85 1.060	Veterans Affairs		46 MoReg 1067		
11 CSR 90 4.010	Missouri 911 Service Board <i>formally 11 CSR 30 13.010</i>		46 MoReg 696		
11 CSR 90 4.020	Missouri 911 Service Board <i>formally 11 CSR 30 13.020</i>		46 MoReg 696		
11 CSR 90 4.030	Missouri 911 Service Board <i>formally 11 CSR 30 13.030</i>		46 MoReg 697		
11 CSR 90 4.040	Missouri 911 Service Board <i>formally 11 CSR 30 13.040</i>		46 MoReg 697		
11 CSR 90 4.050	Missouri 911 Service Board <i>formally 11 CSR 30 13.050</i>		46 MoReg 698		
11 CSR 90 4.060	Missouri 911 Service Board <i>formally 11 CSR 30 13.060</i>		46 MoReg 698		
11 CSR 90 4.070	Missouri 911 Service Board <i>formally 11 CSR 30 13.070</i>		46 MoReg 699		
11 CSR 90 4.080	Missouri 911 Service Board <i>formally 11 CSR 30 13.080</i>		46 MoReg 700		
11 CSR 90 4.090	Missouri 911 Service Board <i>formally 11 CSR 30 13.090</i>		46 MoReg 701		
11 CSR 90 4.100	Missouri 911 Service Board <i>formally 11 CSR 30 13.100</i>		46 MoReg 702		
DEPARTMENT OF REVENUE					
12 CSR 10 2.019	Director of Revenue	46 MoReg 310	46 MoReg 321	46 MoReg 1014	
12 CSR 10 24.448	Director of Revenue		46 MoReg 935		
12 CSR 10 I04.050	Director of Revenue		46 MoReg 260	46 MoReg 965	
DEPARTMENT OF SOCIAL SERVICES					
13 CSR 35 30.020	Children's Division	46 MoReg 1040	46 MoReg 1068		
13 CSR 35 30.030	Children's Division	46 MoReg 1043	46 MoReg 1071		
13 CSR 35 31.025	Children's Division		46 MoReg 855		
13 CSR 35 32.020	Child Support Enforcement <i>moved to 13 CSR 35 35.120</i>	This Issue	This Issue		
13 CSR 35 32.030	Child Support Enforcement <i>moved to 13 CSR 35 35.130</i>	This Issue	This Issue		
13 CSR 35 35.100	Children's Division	This Issue	This Issue		
13 CSR 35 35.120	Children's Division <i>formally 13 CSR 35 32.020</i>	This Issue	This Issue		
13 CSR 35 35.130	Children's Division <i>formally 13 CSR 35 32.030</i>	This Issue	This Issue		
13 CSR 35 35.140	Children's Division <i>formally 13 CSR 35 50.010</i>	This Issue	This Issue		
13 CSR 35 50.010	Child Support Enforcement <i>moved to 13 CSR 35 35.140</i>	This Issue	This Issue		
13 CSR 40 2.015	Family Support Division	46 MoReg 325	46 MoReg 1094W		
13 CSR 40 7.010	Family Support Division	46 MoReg 327	This Issue W		
13 CSR 40 7.050	Family Support Division	46 MoReg 859			
13 CSR 40 91.020	Family Support Division	46 MoReg 445	46 MoReg 966		
13 CSR 70 3.170	MO HealthNet Division	46 MoReg 1076R			
13 CSR 70 4.060	MO HealthNet Division	46 MoReg 1076			
13 CSR 70 10.015	MO HealthNet Division	46 MoReg 612	This Issue		
13 CSR 70 15.160	MO HealthNet Division	46 MoReg 937			
13 CSR 70 20.045	MO HealthNet Division	46 MoReg 329	46 MoReg 966		
13 CSR 70 20.047	MO HealthNet Division	46 MoReg 329	46 MoReg 966		
13 CSR 70 20.050	MO HealthNet Division	46 MoReg 1077			
13 CSR 70 20.060	MO HealthNet Division	46 MoReg 311	46 MoReg 332	46 MoReg 966	
13 CSR 70 20.070	MO HealthNet Division	46 MoReg 904	46 MoReg 944		
13 CSR 70 20.075	MO HealthNet Division	46 MoReg 905	46 MoReg 944		
13 CSR 70 20.250	MO HealthNet Division		46 MoReg 464	46 MoReg 966	
13 CSR 70 25.110	MO HealthNet Division		46 MoReg 623	This Issue	
13 CSR 70 40.010	MO HealthNet Division		46 MoReg 702		
13 CSR 70 90.010	MO HealthNet Division	46 MoReg 601	46 MoReg 624		
13 CSR 70 94.020	MO HealthNet Division	46 MoReg 999T		This Issue W	
ELECTED OFFICIALS					
15 CSR 30 55.060	Secretary of State		46 MoReg 948		
15 CSR 30 55.065	Secretary of State		46 MoReg 948		
15 CSR 40 3.125	State Auditor	46 MoReg 909	46 MoReg 948		
15 CSR 40 3.135	State Auditor	46 MoReg 917	46 MoReg 956		
BOARDS OF POLICE COMMISSIONERS					
17 CSR 10 2.010	Kansas City Board of Police Commissioners		46 MoReg 624R		
17 CSR 10 2.020	Kansas City Board of Police Commissioners		46 MoReg 625		
17 CSR 10 2.030	Kansas City Board of Police Commissioners		46 MoReg 632R		
17 CSR 10 2.030	Kansas City Board of Police Commissioners		46 MoReg 632		
17 CSR 10 2.040	Kansas City Board of Police Commissioners		46 MoReg 636R		
17 CSR 10 2.040	Kansas City Board of Police Commissioners		46 MoReg 636		
17 CSR 10 2.050	Kansas City Board of Police Commissioners		46 MoReg 637R		
17 CSR 10 2.050	Kansas City Board of Police Commissioners		46 MoReg 637		
17 CSR 10 2.055	Kansas City Board of Police Commissioners		46 MoReg 647R		
17 CSR 10 2.055	Kansas City Board of Police Commissioners		46 MoReg 647		
17 CSR 10 2.060	Kansas City Board of Police Commissioners		46 MoReg 651R		
17 CSR 10 2.060	Kansas City Board of Police Commissioners		46 MoReg 651		
17 CSR 10 2.060	Kansas City Board of Police Commissioners		46 MoReg 655R		
17 CSR 10 2.060	Kansas City Board of Police Commissioners		46 MoReg 655		
PUBLIC DEFENDER COMMISSION					
18 CSR 10 1.010	Office of State Public Defender				46 MoReg 17
DEPARTMENT OF HEALTH AND SENIOR SERVICES					
19 CSR 10 4.020	Office of the Director		46 MoReg 704		
19 CSR 20 1.030	Division of Community and Public Health		This Issue		
19 CSR 20 20.200	Division of Community and Public Health	46 MoReg 493			
19 CSR 20 20.200	Division of Community and Public Health	46 MoReg 747T			
19 CSR 30 1.080	Division of Regulation and Licensure	46 MoReg 42	46 MoReg 51	46 MoReg 773	

Rule Changes Since Update

Rule Number	Agency	Emergency	Proposed	Order	In Addition
19 CSR 30 81.030	Division of Regulation and Licensure		46 MoReg 334	This Issue	
19 CSR 30 84.010	Division of Regulation and Licensure	This Issue	This Issue		
19 CSR 30 85.042	Division of Regulation and Licensure		This Issue		
19 CSR 60 50	Missouri Health Facilities Review Committee				46 MoReg 972 46 MoReg 973
DEPARTMENT OF COMMERCE AND INSURANCE					
20 CSR	Construction Claims Binding Arbitration Cap				45 MoReg 1978
20 CSR	Sovereign Immunity Limits				45 MoReg 1978
20 CSR	State Legal Expense Fund Cap				45 MoReg 1978
20 CSR 200 22.010	Insurance Solvency and Company Regulation		46 MoReg 870		
20 CSR 500 6.100	Property and Casualty		45 MoReg 376		
20 CSR 500 7.020	Property and Casualty		45 MoReg 376		
20 CSR 500 7.030	Property and Casualty		45 MoReg 377		
20 CSR 500 7.050	Property and Casualty		45 MoReg 377		
20 CSR 500 7.060	Property and Casualty		45 MoReg 379		
20 CSR 500 7.070	Property and Casualty		45 MoReg 379		
20 CSR 500 7.090	Property and Casualty		45 MoReg 380		
20 CSR 500 7.200	Property and Casualty		45 MoReg 381		
20 CSR 700 8.005	Insurance Licensing		45 MoReg 383		
20 CSR 700 8.150	Insurance Licensing		45 MoReg 383		
20 CSR 1135	State Banking Board				This Issue
20 CSR 1140	Division of Finance				This Issue
20 CSR 1140 2.020	Division of Finance		46 MoReg 759R		
20 CSR 1140 2.030	Division of Finance		46 MoReg 760R		
20 CSR 1140 2.035	Division of Finance		46 MoReg 760R		
20 CSR 1140 2.040	Division of Finance		46 MoReg 760R		
20 CSR 1140 2.053	Division of Finance		46 MoReg 760R		
20 CSR 1140 2.060	Division of Finance		46 MoReg 761R		
20 CSR 1140 2.067	Division of Finance		46 MoReg 761R		
20 CSR 1140 2.081	Division of Finance		46 MoReg 761		
20 CSR 1140 2.082	Division of Finance		46 MoReg 762R		
20 CSR 1140 2.090	Division of Finance		46 MoReg 762		
20 CSR 1140 2.100	Division of Finance		46 MoReg 762R		
20 CSR 1140 2.126	Division of Finance		46 MoReg 762R		
20 CSR 1140 6.025	Division of Finance		46 MoReg 763R		
20 CSR 1140 6.030	Division of Finance		46 MoReg 763R		
20 CSR 1140 6.040	Division of Finance		46 MoReg 763R		
20 CSR 1140 6.060	Division of Finance		46 MoReg 763		
20 CSR 2010 2.061	Missouri State Board of Accountancy				This Issue
20 CSR 2030 5.120	Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects		46 MoReg 54	46 MoReg 773	
20 CSR 2030 5.160	Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects		46 MoReg 54	46 MoReg 774	
20 CSR 2030 8.020	Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects		46 MoReg 358	46 MoReg 966	
20 CSR 2045 1.010	Athlete Agents		46 MoReg 260	46 MoReg 879	
20 CSR 2063 6.005	Behavior Analyst Advisory Board		46 MoReg 964		
20 CSR 2120 2.100	State Board of Embalmers and Funeral Directors		46 MoReg 1077		
20 CSR 2120 3.400	State Board of Embalmers and Funeral Directors		46 MoReg 870R		
20 CSR 2120 3.405	State Board of Embalmers and Funeral Directors		46 MoReg 870R	46 MoReg 871	
20 CSR 2120 3.410	State Board of Embalmers and Funeral Directors		46 MoReg 874R		
20 CSR 2150 5.025	State Board of Registration for the Healing Arts	46 MoReg 182	46 MoReg 262	46 MoReg 967	
20 CSR 2220 2.016	State Board of Pharmacy		46 MoReg 874R		
			46 MoReg 874		
20 CSR 2220 2.200	State Board of Pharmacy	46 MoReg 853	46 MoReg 878		
20 CSR 2220 2.425	State Board of Pharmacy		46 MoReg 358	46 MoReg 967	
20 CSR 2220 2.685	State Board of Pharmacy		46 MoReg 465	46 MoReg 1014	
20 CSR 2220 6.050	State Board of Pharmacy	46 MoReg 183	46 MoReg 262	46 MoReg 968	
20 CSR 2220 7.025	State Board of Pharmacy		46 MoReg 263	46 MoReg 880	
20 CSR 2232 1.020	Missouri State Committee of Interpreters		46 MoReg 964		
20 CSR 2234 1.050	Board of Private Investigator and Private Fire Investigator Examiners		46 MoReg 764		
20 CSR 2234 6.010	Board of Private Investigator and Private Fire Investigator Examiners		46 MoReg 360	46 MoReg 969	
20 CSR 2235 2.001	State Committee of Psychologists		46 MoReg 509	46 MoReg 1014	
20 CSR 2235 2.005	State Committee of Psychologists		46 MoReg 13	46 MoReg 774	
20 CSR 2235 2.070	State Committee of Psychologists		46 MoReg 13	46 MoReg 774	
20 CSR 2235 7.010	State Committee of Psychologists		46 MoReg 706		
20 CSR 2245 2.020	Real Estate Appraisers		46 MoReg 1081		
20 CSR 2255 1.030	Missouri Board for Respiratory Care		46 MoReg 658		
20 CSR 2263 2.031	State Committee for Social Workers		46 MoReg 767		
20 CSR 2263 2.050	State Committee for Social Workers		46 MoReg 767		
20 CSR 2263 2.082	State Committee for Social Workers		46 MoReg 466	46 MoReg 969	

Agency	Publication	Effective	Expiration
Office of Administration			
Commissioner of Administration			
1 CSR 10-15.010 Cafeteria Plan	Next Issue	July 9, 2021	Jan. 1, 2022
Department of Agriculture			
Animal Health			
2 CSR 30-10.010 Inspection of Meat and Poultry . . . . .	.46 MoReg 393	Feb. 11, 2021	Aug. 9, 2021
Plant Industries			
2 CSR 70-17.010 Definitions . . . . .	.46 MoReg 1039	June 10, 2021	Dec. 6, 2021
2 CSR 70-17.100 Sampling Requirements and Results of Analysis . . . . .	.46 MoReg 1039	June 10, 2021	Dec. 6, 2021
Department of Higher Education and Workforce Development			
Commissioner of Higher Education and Workforce Development			
6 CSR 10-2.190 A+ Scholarship Program . . . . .	.46 MoReg 903	May 12, 2021	Feb. 21, 2022
Department of Labor and Industrial Relations			
Division of Workers' Compensation			
8 CSR 50-5.007 Evidence of Occupational Disease Exposure for First Responders . . . . .	.46 Mo Reg 305	Feb. 1, 2021	July 30, 2021
Department of Revenue			
Director of Revenue			
12 CSR 10-2.019 Determination of Withholding for Work Performed at Temporary Work Locations . . . . .	.46 Mo Reg 310	Jan. 21, 2021	July 19, 2021
Department of Social Services			
Children's Division			
13 CSR 35-30.020 Immediate Safety Intervention Plan . . . . .	.46 MoReg 1040	Aug. 2, 2021	Feb. 24, 2022
13 CSR 35-30.030 Temporary Alternative Placement Agreements (TAPA) . . . . .	.46 MoReg 1043	Aug. 2, 2021	Feb. 24, 2022
13 CSR 35-35.100 Response and Evaluation Process for Case Management of Children in Foster Care	This Issue	July 1, 2021	Feb. 24, 2022
13 CSR 35-35.120 Foster Care Case Management Contracts	This Issue	July 1, 2021	Feb. 24, 2022
13 CSR 35-35.130 Contracted Foster Care Case Management Costs	This Issue	July 1, 2021	Feb. 24, 2022
13 CSR 35-35.140 Accreditation as Evidence for Meeting Licensing Requirements	This Issue	July 1, 2021	Feb. 24, 2022
MO HealthNet Division			
13 CSR 70-20.060 Professional Dispensing Fee . . . . .	.46 Mo Reg 311	Feb. 1, 2021	July 30, 2021
13 CSR 70-20.070 Drug Reimbursement Methodology . . . . .	.46 MoReg 904	July. 1, 2021	Feb. 24, 2022
13 CSR 70-20.075 340B Drug Pricing Program . . . . .	.46 MoReg 905	July. 1, 2021	Feb. 24, 2022
Elected Officials			
State Auditor			
15 CSR 40-3.125 Calculation and Revision of Property Tax Rates by School Districts . . . . .	.46 MoReg 909	May. 13, 2021	Dec. 30, 2021
15 CSR 40-3.135 Calculation and Revision of Property Tax Rates by Political Subdivisions Other Than School Districts . . . . .	.46 MoReg 917	May. 13, 2021	Dec. 30, 2021
Department of Health and Senior Services			
Division of Regulation and Licensure			
19 CSR 30-84.010 Nursing Assistant Training Program	This Issue	June 28, 2021	Dec. 24, 2021
Department of Commerce and Insurance			
State Board of Registration for the Healing Arts			
20 CSR 2150-5.025 Administration of Vaccines Per Protocol . . . . .	.46 MoReg 182	Jan. 19, 2021	July 17, 2021
State Board of Pharmacy			
20 CSR 2220-2.200 Sterile Compounding . . . . .	.46 MoReg 853	April 28, 2021	Feb. 7, 2022
20 CSR 2220-6.050 Administration of Vaccines Per Protocol . . . . .	.46 MoReg 183	Jan. 19, 2021	July 17, 2021

**Executive
Orders****Subject Matter****Filed Date****Publication****2021**

Proclamation	Convenes the First Extra Session of the First Regular Session of the One Hundred and First General Assembly for extending the Federal Reimbursement Allowances (FRA) and related allowances, taxes, and assessments necessary for funding MO HealthNet	June 22, 2021	Next Issue
21-07	Extends Executive Order 20 02, Executive Order 20 04, Executive Order 20 05, Executive Order 20 06, and Executive Order 20 14 until August 31, 2021	March 26, 2021	46 MoReg 750
21-06	Creates and establishes the Show Me Strong Recovery Task Force and rescinds Executive Order	March 22, 2021	46 MoReg 748
21-05	Designates members of his staff to have supervisory authority over departments, divisions and agencies of state government	February 24, 2021	46 MoReg 605
21-04	Extends Executive Order 21 03 until February 28, 2021 and terminates Executive Order 20 17.	February 19, 2021	46 MoReg 603
21-03	Declares a State of Emergency and exempts hours of service requirements for vehicles transporting residential heating fuel until February 21, 2021	February 11, 2021	46 MoReg 495
21-02	Establishes the Office of Childhood within the Department of Elementary and Secondary Education	January 28, 2021	46 MoReg 394
21-01	Terminates Executive Orders 03 11 and 02 05, and modifies provisions of Executive Order 05 06	January 7, 2021	46 MoReg 314

2020

20-21	Modifies the provisions of the Missouri Justice Reinvestment Executive Oversight Council, as established in Executive Order 18 08	December 30, 2020	46 MoReg 185
20-20	Closes state offices December 24, 2020	December 7, 2020	46 MoReg 46
20-19	Extends the State of Emergency, activation of the State Emergency Operations Plan and activation of the state militia until March 31, 2021. Gov. Michael Parson also extends, in part, the provisions of Executive Order 20 04. Gov. Parson also extends, in whole, Executive Orders 20 05, 20 06, and 20 08	November 19, 2020	46 MoReg 7
Proclamation	Adds additional measures for consideration during the Second Extra Session of the Second Regular Session of the One Hundredth General Assembly regarding supplemental appropriations to respond to COVID 19	November 12, 2020	45 MoReg 1953
20-18	Closes state offices November 27, 2020	October 30, 2020	45 MoReg 1862
Proclamation	Convenes the Second Extra Session of the Second Regular Session of the One Hundredth General Assembly regarding supplemental appropriations to respond to COVID 19	October 21, 2020	45 MoReg 1860
20-17	Declares a State of Emergency and activates the state militia due to civil unrest in Missouri	September 24, 2020	45 MoReg 1656
20-16	Extends Executive Order 20 12 regarding the activation of the state militia until December 30, 2020	September 15, 2020	45 MoReg 1562
20-15	Establishes the Interagency Task Force on Worker Classification	September 11, 2020	45 MoReg 1559
20-14	Suspends the requirement of physical appearance as stated in Chapter 474 by authorizing the use of audio visual technology	September 3, 2020	45 MoReg 1557
Proclamation	Amends the matters specifically designated and limited for consideration by the General Assembly in the July 15, 2020 Proclamation	August 10, 2020	45 MoReg 1338
20-13	Extends Executive Order 18 12 regarding the 2020 Census until November 30, 2020	July 31, 2020	45 MoReg 1303
Proclamation	Convenes the one hundredth general assembly of the State of Missouri in the First Extra Session of the Second Regular Session	July 15, 2020	45 MoReg 1220
20-12	Extends the State of Emergency, activation of the State Emergency Operations Plan and activation of the state militia. Gov. Michael Parson also extends, in part, the provisions of Executive Order 20 04. Gov. Parson also extends, in whole, Executive Orders 20 05, 20 06, and 20 08	June 11, 2020	45 MoReg 1064
20-11	Declares a State of Emergency and activates the state militia due to civil unrest in Missouri	May 30, 2020	45 MoReg 990
Proclamation	Calls for a special election on August 4th of 2020	May 26, 2020	45 MoReg 988
20-10	Extends Executive Orders 20 04, 20 05, 20 06, and 20 08 until June 15, 2020	May 4, 2020	45 MoReg 895
20-09	Extends the State of Emergency declared in Executive Order 20 02 until June 15, 2020 and directs the Missouri State Emergency Operations Plan to remain activated	April 24, 2020	45 MoReg 789

Executive Orders	Subject Matter	Filed Date	Publication
20-08	Suspends the requirement of personal appearance before a notary public by authorizing the use of audio video technology	April 6, 2020	45 MoReg 718
20-07	Waives late penalties for concealed carry permits for 60 days	April 2, 2020	45 MoReg 716
20-06	Activates the state militia in response to the COVID 19 pandemic	March 27, 2020	45 MoReg 587
20-05	Suspends the prohibition of the sale of unprepared food by restaurants to the public during the current state of emergency	March 23, 2020	45 MoReg 585
20-04	Suspends certain agency regulations to allow them to address the current state of emergency	March 18, 2020	45 MoReg 583
20-03	Postpones the General Municipal Election scheduled for April 7, 2020 until June 2, 2020	March 18, 2020	45 MoReg 580
20-02	Declares a State of Emergency and directs the Missouri State Emergency Operations Plan be activated	March 13, 2020	45 MoReg 529
20-01	Designates supervisory authority over select departments, divisions, or agencies of government	Feb. 03, 2020	45 MoReg 352

The rule number and the MoReg publication date follow each entry to this index.

ADMINISTRATION, OFFICE OF

cafeteria plan; 1 CSR 10 15.010; 2/1/21, 5/17/21
state official's salary compensation schedule; 1 CSR 10; 12/1/20

ACCOUNTANCY, MISSOURI STATE BOARD OF

requirements for an initial license to practice; 20 CSR 2010 2.061;
7/15/21

AGRICULTURE, DEPARTMENT OF

animal health

inspection of meat and poultry; 2 CSR 30 10.010; 3/1/21,
7/15/21

plant industries

definitions; 2 CSR 70 17.010; 7/1/21
sampling requirements and results of analysis; 2 CSR 70
17.100; 7/1/21

state milk board

inspection fees; 2 CSR 80 5.010; 6/15/21

weights, measures and consumer protection

quality standards for motor fuels; 2 CSR 90 30.040; 5/3/21

AIR CONSERVATION COMMISSION

air quality standards, definitions, sampling and reference methods
and air pollution control regulations for the entire state of

Missouri; 10 CSR 10 6.110; 2/1/21

construction permits required; 10 CSR 10 6.060; 6/1/21

cross state air pollution rule annual SO₂ group 1 trading program;
10 CSR 10 6.376; 4/15/21

ARCHITECTS, PROFESSIONAL ENGINEERS, PROFESSIONAL LAND SURVEYORS, AND PROFESSIONAL LANDSCAPE ARCHITECTS, MISSOURI STATE BOARD OF

professional land surveyor professional development units; 20 CSR

2030 8.020; 2/16/21, 6/1/21

scope of examination land surveyor in training and professional
land surveyors; 20 CSR 2030 5.120; 1/15/21, 5/3/21

state exam covering chapter 327, RSMo, the board rules, and ethics;
20 CSR 2030 5.160; 1/15/21, 5/3/21

ATHLETE AGENTS

fees; 20 CSR 2045 1.010; 2/1/21, 5/17/21

BEHAVIOR ANALYST ADVISORY BOARD

ethical rules of conduct; 20 CSR 2063 6.005; 6/1/21

CERTIFICATE OF NEED PROGRAM

Missouri health facilities review committee; 19 CSR 60 050;
6/1/21

CHILDREN'S DIVISION

accreditation as evidence for meeting licensing requirements; 13
CSR 35 [50.010]35.140; 7/15/21

child abuse and neglect review process; 13 CSR 35 31.025; 5/17/21
contracted foster care case management costs; 13 CSR 35 [32.030]

35.130; 7/15/21

foster care case management contracts; 13 CSR 35 [32.020]35 120;
7/15/21

immediate safety intervention plan; 13 CSR 35 30.020; 7/1/21
response and evaluation process for case management of children in
foster care; 13 CSR 35 35 100; 7/15/21

temporary alternative placement agreements (TAPA); 13 CSR 35
30.030; 7/1/21

CLEAN WATER COMMISSION

certification of concentrated animal feeding operation waste man
agement system operators; 10 CSR 20 14.020; 6/1/21

certification of wastewater operators; 10 CSR 20 9.030; 6/1/21

design of concentrated animal feeding operations; 10 CSR 20
8.300; 1/15/21, 2/16/21

water quality standards; 10 SR 20 7.031; 7/15/21

CONSERVATION, DEPARTMENT OF

black bear hunting season: application and draw process; 3 CSR
10 7.905; 5/3/21

black bear hunting season: general provisions; 3 CSR 10 7.900;
5/3/21

class I and class II wildlife breeder: records required; 3 CSR 10
9.359; 3/1/21, 7/1/21

class I wildlife; 3 CSR 10 9.230; 3/1/21, 7/1/21

class II wildlife; 3 CSR 10 9.240; 3/1/21, 7/1/21

class III wildlife; 3 CSR 10 9.250; 3/1/21, 7/1/21

class I wildlife breeder permit; 3 CSR 10 9.350; 3/1/21, 7/1/21

class II wildlife breeder permit; 3 CSR 10 9.351; 3/1/21, 7/1/21

class III wildlife breeder permit; 3 CSR 10 9.352; 3/1/21, 7/1/21

class III wildlife breeder: inventory and records required; 3 CSR
10 9.360; 3/1/21, 7/1/21

closed hours; 3 CSR 10 12.109; 3/1/21, 7/1/21

commercial fishing: seasons, methods; 3 CSR 10 10.725; 3/1/21,
7/1/21

commercial game processing: permit, privileges, requirements;

3 CSR 10 10.744; 3/1/21, 7/1/21

definitions; 3 CSR 10 20.805; 3/1/21, 7/1/21

deer: antlerless deer hunting permit availability; 3 CSR 10 7.437;
7/1/21

deer: chronic wasting disease management program; permit avail
ability, methods, limits; 3 CSR 10 7.439; 3/1/21, 7/1/21

deer: firearms hunting season; 3 CSR 10 7.433; 7/1/21

deer: landowner privileges; 3 CSR 10 7.434; 7/1/21

deer management assistance program; 3 CSR 10 7.600; 7/1/21

deer: special harvest provisions; 3 CSR 10 7.435; 7/1/21

elk: application and draw process; 3 CSR 10 7.710; 5/3/21

elk: hunting season; 3 CSR 10 7.705; 5/3/21

endangered species; 3 CSR 10 4.111; 3/1/21, 7/1/21

falconry; 3 CSR 10 9.442; 3/1/21, 7/1/21

fish utilization permit; 3 CSR 10 10.739; 3/1/21, 7/1/21

general prohibition; applications; 3 CSR 10 9.110; 3/1/21, 7/1/21

general provisions;

3 CSR 10 7.405; 1/4/21, 5/3/21

3 CSR 10 9.105; 3/1/21, 7/1/21

hunting methods; 3 CSR 10 7.410; 1/4/21, 5/3/21

licensed hunting preserve permit; 3 CSR 10 9.560; 3/1/21, 7/1/21
licensed hunting preserve: privileges; 3 CSR 10 9.565; 3/1/21,
7/1/21

licensed hunting preserve: records required; 3 CSR 10 9.566;
3/1/21, 7/1/21

live bait; 3 CSR 10 6.605; 3/1/21, 7/1/21

migratory game birds and waterfowl: seasons, limits; 3 CSR 10
7.440; 5/3/21

other fish; 3 CSR 10 6.550; 3/1/21, 7/1/21

privileges of class I and class II wildlife breeders; 3 CSR 10 9.353;
3/1/21, 7/1/21

privileges of class III wildlife breeders; 3 CSR 10 9.354; 3/1/21,

7/1/21

taxidermy; tanning: permit, privileges, requirements; 3 CSR 10
10.767; 3/1/21, 7/1/21

transportation; 3 CSR 10 4.135; 3/1/21, 7/1/21

use of boats and motors; 3 CSR 10 12.110; 3/1/21, 7/1/21

waterfowl hunting; 3 CSR 10 11.186; 3/1/21, 7/1/21

wildlife confinement standards; 3 CSR 10 9.220; 3/1/21, 7/1/21

wildlife exhibitor permit; 3 CSR 10 9.370; 3/1/21, 7/1/21

wildlife exhibitor permit: records required; 3 CSR 10 9.372;
3/1/21, 7/1/21

wildlife exhibitor privileges; 3 CSR 10 9.371; 3/1/21, 7/1/21

wildlife movement: certification, requirements; 3 CSR 10 9.223;
3/1/21, 7/1/21

DEAF AND HARD OF HEARING, MISSOURI COMMISSION FOR THE

fees; 5 CSR 100 200.150; 3/1/21, 6/1/21

military certification status; 5 CSR 100 200.135; 1/15/21, 5/3/21

ELECTED OFFICIALS

secretary of state

appearance before the commissioner; 15 CSR 30 55.065;
6/1/21

public hearing; 5 CSR 30 55.060; 6/1/21
state auditor

calculation and revision of property tax rates by political subdivisions other than school districts; 15 CSR 40 3.135; 6/1/21

calculation and revision of property tax rates by school districts; 15 CSR 40 3.125; 6/1/21

ELEMENTARY AND SECONDARY EDUCATION, DEPARTMENT OF

division of financial and administrative services

attendance hour reporting; 5 CSR 30 660.085; 2/16/21, 6/15/21

early learning facilities funding formula for lease agreements; 5 CSR 30 640.200; 6/1/21

performance districts; 5 CSR 30 660.080; 6/1/21

school food authority appeal procedures; 5 CSR 30 680.080; 6/1/21

state agency payments to school districts for educational services; [5 CSR 20 300.130] 5 CSR 30 660.095; 6/1/21

division of learning services

application for certificate of license to teach; 5 CSR 20 400.500; 5/3/21

application for substitute certificate of license to teach; 5 CSR 20 400.220; 6/1/21

certification requirements for career continuous administrator; 5 CSR 20 400.630; 2/16/21, 6/15/21

certification requirements for transition administrator certificate; 5 CSR 20 400.620; 2/16/21, 6/15/21

individuals with disabilities education act, part B; 5 CSR 20 300.110; 5/17/21

Missouri critical teacher shortage forgivable loan program; 5 CSR 20 400.360; 6/15/21

transfer of charter sponsorship; 5 CSR 20 100.275; 1/15/21, 6/15/21

virtual instruction program; 5 CSR 20 100.230; 1/15/21, 6/15/21

EMBALMERS AND FUNERAL DIRECTORS, STATE BOARD OF

fees; 20 CSR 2120 2.100; 7/1/21

preneed agents; 20 CSR 2120 3.405; 5/17/21

preneed agents Missouri law exam; 20 CSR 2120 3.405; 5/17/21

preneed agent's seller must be licensed; 20 CSR 2120 3.410; 5/17/21

preneed agents requirements of agent's seller; 20 CSR 2120 3.400; 5/17/21

ENERGY, DIVISION OF

energy set aside fund; 10 CSR 140 2; 6/1/21

EXECUTIVE ORDERS

creates and establishes the Show Me Strong Recovery Task Force and rescinds executive order 05 43; 21 06; 5/3/21

extends Executive Order 20 02, Executive Order 20 04, Executive Order 20 05, Executive Order 20 06, and Executive Order 20 14 until August 31, 2021; 21 07; 5/3/21

FAMILY SUPPORT DIVISION

authorized representatives; 13 CSR 40 2.015; 2/16/21, 7/1/21

presumptive eligibility; 13 CSR 40 7.050; 5/17/21

scope and definitions; 13 CSR 40 7.010; 2/16/21, 7/15/21

vocational rehabilitation for the blind; 13 CSR 40 91.020; 3/1/21, 6/1/21

FINANCE, DIVISION OF

agricultural credit corporation; 20 CSR 1140 2.030; 5/3/21

branch banking; 20 CSR 1140 2.126; 5/3/21

community development corporations; 20 CSR 1140 2.067; 5/3/21

division of finance; 20 CSR 1140; 7/15/21

federal usury preemption; 20 CSR 1140 6.030; 5/3/21

fees per section 408.052, RSMo; 20 CSR 1140 2.053; 5/3/21
investment in fixed assets; 20 CSR 1140 2.060; 5/3/21
legal loan limit limited partnerships; 20 CSR 1140 2.081; 5/3/21
legal loan limit as amended by HB 408; 20 CSR 1140 2.082; 5/3/21

legal reserves; 20 CSR 1140 2.020; 5/3/21

originating trustees; 20 CSR 1140 2.090; 5/3/21

purchase of bank employee's residence; 20 CSR 1140 6.060

purchases of federal home loan bank stock by state chartered banks; 20 CSR 1140 2.035; 5/3/21

reports of condition (call reports); 20 CSR 1140 2.100; 5/3/21
reserve requirements/unimpaired capital; 20 CSR 1140 2.040; 5/3/21

retail repurchase agreements (retail repos); 20 CSR 1140 6.040; 5/3/21
variable rate credit; 20 CSR 1140 6.025; 5/3/21

HAZARDOUS WASTE MANAGEMENT COMMISSION

fees and taxes; 10 CSR 25 12.010; 6/1/21

hazardous waste compliance inspection fees; 10 CSR 25 12.020; 6/1/21

HEALING ARTS, STATE BOARD OF REGISTRATION FOR THE

administration of vaccines per protocol; 20 CSR 2150 5.025; 2/1/21, 6/1/21

HEALTH AND SENIOR SERVICES, DEPARTMENT OF community and public health, division of

COVID 19 vaccine priority tier evaluation committee; 19 CSR 20 20.200; 3/15/21, 5/3/21

[sanitation and production standards for] frozen dessert[s] license; 19 CSR 20 1.030; 7/15/21

office of the director

J1 visa waiver program; 19 CSR 10 4.020; 4/15/21

regulation and licensure, division of

administration and resident care requirements for new and existing intermediate care and skilled nursing facilities; 19 CSR 30 85.042; 7/15/21

electronic prescribing waiver; 19 CSR 30 1.080; 1/15/21, 5/3/21

evaluation and assessment measures for title XIX recipients and applicants; 19 CSR 30 81.030; 2/16/21, 7/15/21

electronic prescribing waiver; 19 CSR 30 1.080; 1/15/21

nurse assistant training program; 19 CSR 30 84.010; 7/15/21

HIGHER EDUCATION AND WORKFORCE DEVELOPMENT, DEPARTMENT OF

A+ scholarship program; 6 CSR 10 2.190; 6/1/21

INSURANCE

applied behavior analysis maximum benefit; 20 CSR; 3/1/19

construction claims binding arbitration cap; 20 CSR; 12/15/20
non economic damages in medical malpractice cap; 20 CSR; 6/15/18

sovereign immunity limits; 20 CSR; 12/15/20

state legal expense fund; 20 CSR; 12/15/20

insurance solvency and company regulation

licensing procedures for pharmacy benefits managers; 20 CSR 200 22.010; 5/17/21

LABOR AND INDUSTRIAL RELATIONS, DEPARTMENT OF

evidence of occupational disease exposure for first responders; 8 CSR 50 5.007; 2/16/21, 3/1/21, 6/15/21

notice of periodic rule review; 8 CSR; 7/1/21

review of decisions issued by the division of workers' compensation in crime victims' compensation cases; 8 CSR 20 7.010; 4/1/21

rules governing crime victims; 8 CSR 50 6.010; 4/1/21

MENTAL HEALTH, DEPARTMENT OF

notice of periodic rule review; 9 CSR; 7/1/21

admission criteria

admissions to adult community residential settings; 9 CSR 50 2.510; 3/15/21, 7/1/21
 admissions to children's supported community living; 9 CSR 50 2.010; 3/15/21, 7/1/21

certification standards

certification of [alcohol and drug abuse] substance use disorder prevention and treatment programs; 9 CSR 30 3.032; 7/1/21
 community support in comprehensive substance treatment and rehabilitation (CSTAR) programs; 9 CSR 30 3.157; 7/1/21
 comprehensive substance treatment and rehabilitation (CSTAR); 9 CSR 30 3.150; 5/3/21
 general requirements for substance use disorder treatment programs; 9 CSR 30 3.100; 7/1/21
 opioid treatment program; 9 CSR 30 3.132; 7/1/21
 opioid treatment programs; 9 CSR 30 3.132; 7/1/21
 outpatient substance use disorder treatment programs; 9 CSR 30 3.195; 7/1/21
 service definitions and staff qualifications; 9 CSR 30 3.110; 7/1/21
 service definitions, staff qualifications, and documentation requirements for substance use disorder treatment programs; 9 CSR 30 3.110; 7/1/21
 service delivery process and documentation; 9 CSR 30 3.100; 7/1/21
 staff requirements for comprehensive substance treatment and rehabilitation (CSTAR) programs; 9 CSR 30 3.155; 7/1/21

MISSOURI DEPARTMENT OF TRANSPORTATION

notice of periodic rule review; 7 CSR; 7/1/21

MISSOURI STATE COMMITTEE OF INTERPRETERS

policy for release of public records; 20 CSR 2232 1.020; 6/1/21

MO HEALTHNET DIVISION

340B drug pricing program; 13 CSR 70 20.075; 6/1/21
 drug reimbursement methodology; 13 CSR 70 20.070; 6/1/21
 home health care services; 13 CSR 70 90.010; 4/1/21, 7/15/21
 medicaid managed care organization reimbursement allowance; 13 CSR 70 3.170; 7/1/21
 ninety day supply requirements for select medications; 13 CSR 70 20.047; 2/16/21, 6/1/21
 optical benefits and limitations MO HealthNet Program; 13 CSR 70 40.010; 4/15/21
 payment for early periodic screening, diagnostic and treatment program services; 13 CSR 70 25.110; 4/1/21, 7/15/21
 prior authorization of new drug entities or new drug dosage form; 13 CSR 70 20.250; 3/1/21, 6/1/21
 professional dispensing fee; 13 CSR 70 20.060; 2/16/21, 6/1/21
 prospective outpatient hospital services reimbursement methodology; 13 CSR 70 15.160; 6/1/21
 prospective reimbursement plan for nursing facility services; 13 CSR 70 10.015; 4/1/21, 7/15/21
 provider based rural health clinic; 13 CSR 70 94.020; 5/17/21
 required reporting of injuries received by [title XIX recipients] mo healthnet participants; 13 CSR 70 4.060; 7/1/21
 return of drugs; 13 CSR 70 20.050; 7/1/21
 thirty one day supply maximum restriction on pharmacy services reimbursed by the MO HealthNet Division; 13 CSR 70 20.045; 2/16/21, 6/1/21

NATURAL RESOURCES, DEPARTMENT OF

notice of periodic rule review; 10 CSR; 7/1/21

PHARMACY, STATE BOARD OF

administration of vaccines per protocol; 20 CSR 2220 6.050; 2/1/21, 6/1/21
 intern pharmacist licensure; 20 CSR 2220 7.025; 2/1/21, 5/17/21
 pharmacy operating procedures during an emergency or declared disaster; 20 CSR 2220 2.016; 5/17/21

pharmacy operating procedures during declared disasters; 20 CSR 2220 2.016; 5/17/21

pharmacy operations during an emergency or declared disasters; 20 CSR 2220 2.016; 5/17/21

required pharmacy reporting; 20 CSR 2220 2.425; 2/16/21, 6/1/21
 standards of operation for a class Q: charitable pharmacy; 20 CSR 2220 2.685; 3/1/21, 6/15/21
 sterile compounding; 20 CSR 2220 2.200; 5/17/21

POLICE COMMISSIONERS, BOARDS OF

application for a license; 17 CSR 10 2.020; 4/1/21
 application forms and licensing fees; 17 CSR 10 2.040; 4/1/21
 classification of licenses; 17 CSR 10 2.030; 4/1/21
 firearms regulations and qualification; 17 CSR 10 2.055; 4/1/21
 regulation and licensing in general; 17 CSR 10 2.010; 4/1/21
 regulation, suspension and revocation; 17 CSR 10 2.060; 4/1/21
 testing requirements and qualification standards; 17 CSR 10 2.050; 4/1/21

weapons regulations and qualification; 17 CSR 10 2.055; 4/1/21

PRIVATE INVESTIGATOR AND PRIVATE FIRE INVESTIGATOR EXAMINERS, BOARD OF

continuing education; 20 CSR 2234 6.010; 2/16/21, 6/1/21
 fees; 20 CSR 2234 1.050; 5/3/21

PSYCHOLOGISTS, STATE COMMITTEE OF

continuing education; 20 CSR 2235 7.010; 4/15/21
 educational requirements, section 337.021, RSMo; 20 CSR 2235 2.001; 3/15/21, 6/15/21
 educational requirements, section 337.025, RSMo; 20 CSR 2235 2.005; 1/4/21, 5/3/21
 licensure by reciprocity; 20 CSR 2235 2.070; 1/4/21, 5/3/21

PUBLIC SAFETY, DEPARTMENT OF

director, office of the

in service continuing education training for 911 telecommunicators; 11 CSR 30 13.100; 10/15/20, 4/15/21
 rules governing crime victims' compensation; 11 CSR 30 18.010; 4/1/21
 rules governing for crime victims' compensation appeals; 11 CSR 30 18.020; 4/1/21

Missouri gaming commission

minimum internal control standards (MICS) chapter H; 11 CSR 45 9.108; 5/3/21
 minimum internal control standards (MICS) chapter R; 11 CSR 45 9.118; 5/3/21
 primary, secondary, and reserve sets of gaming chips; 11 CSR 45 5.110; 5/3/21
 receipt of gaming chips or tokens from manufacturer; 11 CSR 45 5.140; 5/3/21
 submission of chips for review and approval; 11 CSR 45 5.090; 5/3/21

rules of liquor control; 11 CSR 45 12.090; 1/15/21, 6/1/21

Missouri 911 service board
 computer based continuing education training for 911 telecommunicators; 11 CSR 90 4.100; 4/15/21
 definitions; 11 CSR 90 4.020; 4/15/21
 exemptions and waiver of initial training requirement; 11 CSR 90 4.040; 4/15/21

general organization; 11 CSR 90 4.010; 4/15/21

initial training; 11 CSR 90 4.030; 4/15/21

minimum standards for continuing education training; 11 CSR 90 4.060; 4/15/21

out of state, federal, and organizations or commercial entities continuing education credit for 911 telecommunicators; 11 CSR 90 4.090; 4/15/21

procedure to obtain approval for an individual continuing education course for 911 telecommunicators; 11 CSR 90 4.080; 4/15/21

procedure to obtain continuing education provider approval for
911 telecommunicators; 11 CSR 90 4.070; 4/15/21
requirements for continuing education; 11 CSR 90 4.050;
4/15/21

Missouri state highway patrol

brake components; 11 CSR 50 2.160; 12/1/20, 5/3/21
glazing (glass); 11 CSR 50 2.270; 12/1/20, 5/3/21
inspection station classification; 11 CSR 50 2.030; 12/1/20,
5/3/21
inspection station operational requirements; 11 CSR 50 2.090;
12/1/20, 5/3/21
licensing of inspector/mechanics; 11 CSR 50 2.080; 12/1/20
minimum inspection station requirements; 11 CSR 50 2.020;
12/1/20, 5/3/21
mud flaps; 11 CSR 50 2.300; 12/1/20, 5/3/21
off highway use vehicles (ATV OHV); 11 CSR 50 2.340;
12/1/20, 5/3/21
seat belts; 11 CSR 50 2.310; 12/1/20, 5/3/21
steering mechanisms; 11 CSR 50 2.200; 12/1/20, 5/3/21

peace officer standards and training program

peace officer standards and training commission fund; 11 CSR
75 16.010; 2/16/21, 6/1/21

veterans affairs

the Missouri veterans health care fund program; 11 CSR 85
1.060; 7/1/21

REAL ESTATE APPRAISERS

commission action; 20 CSR 2245 2.020; 7/1/21

RESPIRATORY CARE, MISSOURI BOARD FOR

complaint handling and disposition; 20 CSR 2255 1.030; 4/1/21

REVENUE, DEPARTMENT OF

determination of withholding for work performed at temporary
work location; 12 CSR 10 2.019; 2/16/21, 6/15/21
documents required for issuance of a driver license, nondriver
license, or instruction permit; 12 CSR 10 24.448; 6/1/21
sales and use tax return electronic filing requirement and waiver;
12 CSR 10 104.050; 2/1/21, 6/1/21

SAFE DRINKING WATER COMMISSION

acceptable and alternate procedures for analysis; 10 CSR 60 5.010;
6/1/21
certification of public water systems operators; 10 CSR 60 14.020;
6/1/21
laboratory certification; 10 CSR 60 5.020; 6/1/21
laboratory services and program administration fees; 10 CSR 60
16.030; 6/1/21
levy and collection of the Missouri primacy fee; 10 CSR 60 16.010;
6/1/21

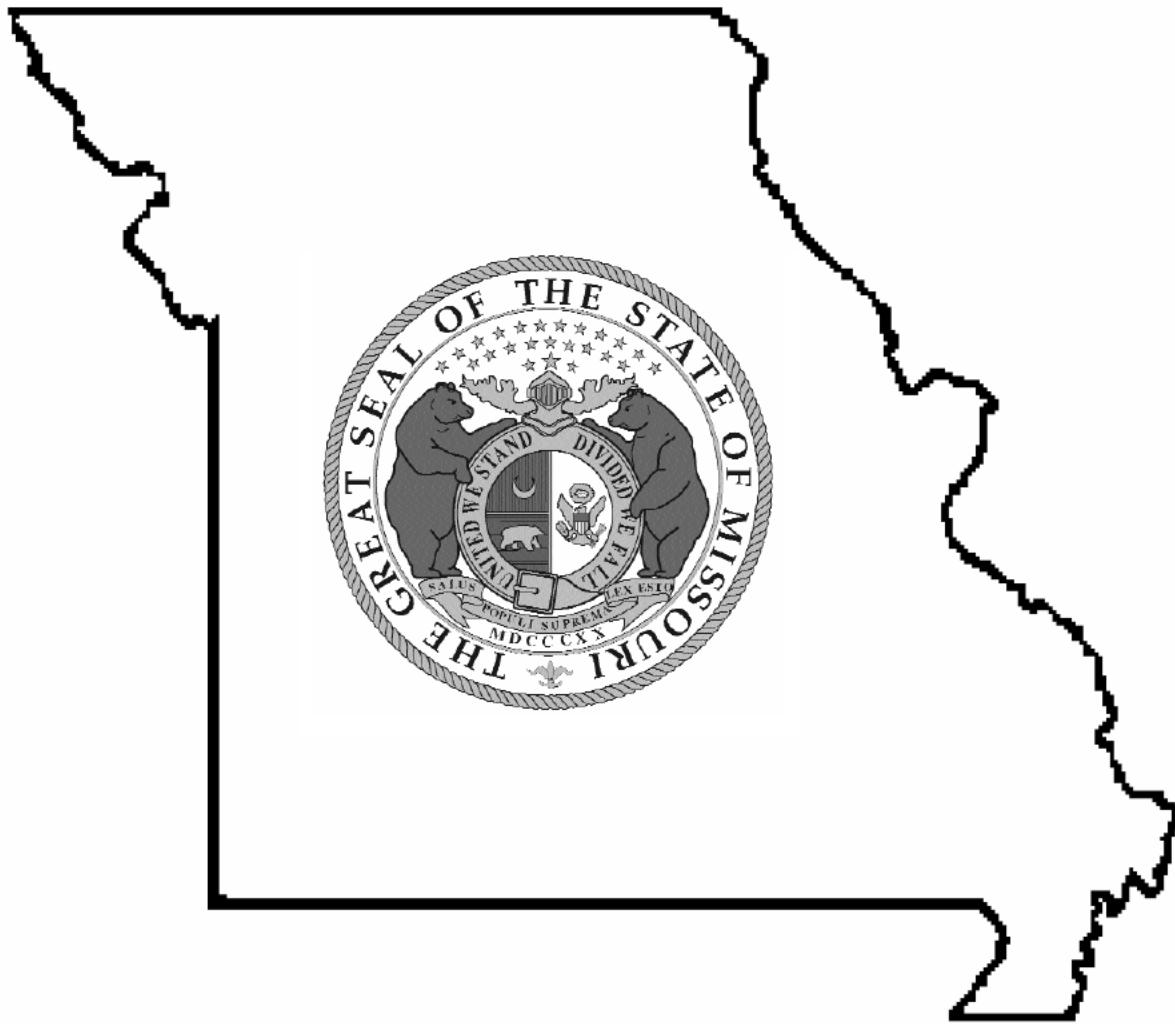
STATE BANKING BOARD

state banking board; 20 CSR 1135; 7/15/21

SOCIAL WORKERS, STATE COMMITTEE FOR

acceptable supervisors and supervisor responsibilities; 20 CSR
2263 2.031; 5/3/21
application for licensure as a social worker; 20 CSR 2263 2.050;
5/3/21
continuing education; 20 CSR 2263 2.082; 3/1/21, 6/1/21

MISSOURI STATE RULEMAKING MANUAL



**JOHN R. ASHCROFT
SECRETARY OF STATE**

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